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University Park, Pa. 16802

Lancaster Farming

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FARM TRENDS

A summary of market and commodity news for the past week

by Dick Wanner

Livestock Producers Hurting

Local livestock producers received scant cheer from the USDA's Livestock and Meat Situation report published on Wednesday. Many beef producers, especially, have been stung badly by precipitous declines in the price of finished animals. Some beefmen are reportedly losing $100 and more on every animal they ship.

The USDA report began with this tantalizing statement: "Higher fed cattle prices and smaller beef supplies are in prospect for this winter." But from there, it was mostly downhill. The rest of the report follows:

In the past year, high feeder cattle prices, increased feeding costs, and market disruptions in spring and summer discouraged placements of cattle on feed. This backup of feeder cattle from the 1972 beef calf crop, together with a larger 1973 crop, indicates a large number of feeder cattle are available for feedlot placement this fall. This could lead to a large increase in fed beef production by next spring and summer, accompanied by declining prices.

Fed cattle prices have stabilized near $40 per 100 pounds this fall after some dramatic declines from near $58 in August. Slaughter is up substantially from the low summer level but is still averaging under last year. Although fed beef production is down from last year, cow slaughter has been up slightly.

Feeder cattle prices have dropped since summer, but not as much as fed cattle prices. Further reductions in feeder cattle prices are probable this fall but some recovery may occur this winter as fed cattle prices rise.

Hog slaughter this fall is seasonally larger than in the summer but it continues below 1972. Hog prices tumbled from near $60 per 100 pounds in August to $41.50 in mid-November, but remained considerably higher than last year. Although feed prices have subsided somewhat from mid-summer highs, hog producers are still not planning to expand production. The 10-State June-August pig crop was down 4 percent from last year and intentions for farrowing in the Corn Belt during September-November indicate no increase from 1972. This would result in a slightly smaller total fall pig crop and point to lower marketings during the

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Lancaster Farming Photo

Senator George McGovern, center, and Pennsylvania Secretary of Agriculture James McHale, right, stop to chat with an ag department employee shortly after the Senator arrived at Hershey on Thursday for a speech before a National Food Policy Conference.

Shapp, McGovern Speak . . .

National Food Policy Meeting in Hershey

By Dick Wanner

Few farmers and even fewer Republicans were among the participants at a two-day National Food Policy Conference which convened Thursday and Friday of this week at the Hotel Hershey. Despite a super-abundance of political polemics, it seemed, at least to this writer, that the conference did address itself to some legitimate problems of food supply and it seemed that at least some of the speakers were more concerned with feeding people than with dethroning the Nixon administration.

Bishop Edward E. Swanstrom, executive director of the Catholic Relief Services, eloquently charged the conference Thursday morning with the task of finding a way to provide adequate diets for all the people of the world. "Our scientific and technical knowledge thrusts us ever closer to the stars," he said, "and yet our public morals appear determined to sink equally as far into a morass of godless materialism with almost similar velocity."

"We meet at a time when weather, population growth and increasing affluence are combining to increase alarmingly the dependence of more and more of the peoples of this world upon the North American bread basket," Bishop Swanstrom continued. "It is well, then, that this conference intends to come to grips with the problem of the world's food supply and America's role in allaying world hunger. In fact, the overriding challenge to this conference may well be to halt

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Only Agway Shows Up . . .

Buyers Ignore Tobacco Meet

"I have a bias about marketing good tobacco," Mark Hess told a crowd of 75 tobacco producers on Wednesday night at the Hinkletown Elementary School. "It's tragic that the best cash crop we have is sold on a single-price basis. The man who takes the time to harvest a good quality crop is penalized by the single price. The man who produces a poor crop is paid a premium.

"When this happens," Hess warned the group, "your market erodes. Some say quality doesn't matter because all our tobacco goes into cigar filler. But quality does matter. It can bring you better markets."

Hess was speaking at an adult young farmer meeting organized by Dr. Robert Herr, head of Garden Spot High School's vo-ag department. He was the only tobacco buyer at the meeting, even though all major buyers in the county were invited, according to Herr. "I hope you remember which buyers were not at this meeting," Herr told the group. "And when they come on your farm to buy your crop, I hope you'll ask them why they weren't here, why they didn't want to talk to you as a group."

Companies not represented at the meeting were American Cigar Co., Bayuk Cigar Co., P. Lorillard & Co., Lancaster Leaf Tobacco Co., and the A. K. Mann Tobacco Co.

Herr feels that buying patterns in Lancaster County are one of the big reasons tobacco output has fallen from 60 million pounds

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Masonic Homes Ayrshire Tops In Canadian Show

The Royal Agricultural Winter Fair held annually in November at Toronto, Canada, is to the livestock world in Canada, what the Rosebowl or the Superbowl is in football annals here in the United States. The best of all breeds of livestock are convened at this great show, from all parts of Canada. Occasionally various breeders from the United States exhibit, making competition extremely close, and winning individuals quite superior.

At the 1973 Royal Winter Fair on November 14, a registered Ayrshire bred by Masonic Homes Farm, Elizabethtown, Pa. in competition with all dairy breeds, was judged the winner of the inter-breed udder class. Capturing this coveted award was Masonic Homes Flashy Star, sold by Masonic Homes Farm a few years ago, and now owned by Stanley Mount and Allan Barr of Brome, Quebec.

The udder is the milk producing factory of a dairy cow, and its importance may be likened to the engine in an automobile. Breakdowns, or faults of the udder, are one of the major reasons dairy cows leave the production line, and most dairymen and breeders of dairy cattle place a high priority on udder appearance, either in securing replacements or in their breeding programs.

Masonic Homes Flashy Star, prior to winning this coveted award produced as a junior two year old 15,640 lbs. of milk in 305 days, or approximately 7100 quarts of milk.

In past years Masonic Homes Farm Ayrshire cattle have won numerous national honors, however, this most recent recognition gains inter-breed, and international recognition for their Ayrshire herd.

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Local Livestock Market, Auction News

Lancaster Market

Monday, December 3

	Cattle	Calves	Hogs	Sheep
Today	691	171	860	138
Last Week	562	186	720	72
Last Year	770	168	1745	137

CATTLE: Compared to last Wednesday, slaughter steers steady to weak, most decline on Choice and Prime; cows strong to 50 higher; bulls 25-50 lower; bullocks 50-1.00 lower. Supply included 453 in afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 1150-1400 lb. yield grade 3-4 38.60-39.60, yield grade 4-5 36.75-37.60; Choice 950-1300 lb. yield grade 2-3 40.50-42.25, few mainly yield grade 2 42.50-43.25, Choice 1150-1425 lb. yield grade 3-4 39.35-41.00, few yield grade 5 36.50-37.75, couple Choice yield grade 3 1430-1500 lb. 37.75-38.60; Good 950-1350 lb., with few 1325-1540 lb. Holsteins included, 38.85-40.25.

COWS: Utility and high dressing Cutter 33.85-36.60, few 36.75-37.75; Cutter 33.00-35.00; Canner and low Cutter 31.00-32.75.

BULLOCKS: Choice 950-1275 lb. 42.60-44.75; Good 40.50-42.10.

BULLS: Yield grade 1 1150-1600 lb. 42.60-45.10, few 1860-2050 lb. 45.35-47.35; bulk yield grade 2 1000-1600 lb. 40.00-43.00, few 38.75-40.00.

VEAL CALVES: Vealers uneven, Good to Prime 1.00-3.00 nigher, Utility and Standard about steady. Good demand for calves returned to farm.

VEALERS: Prime 78.00-85.00; Choice 70.00-78.00; Good 63.00-70.00; Standard 52.00-62.00; Utility 90-120 lb. 37.00-44.00, 65-85 lb. 32.00-35.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein heifers 60.00-70.00, with 90-120 lb. bull calves 55.00-60.00.

SHEEP: Wooled lambs 50-1.00 higher; slaughter ewes mostly steady.

WOOLED LAMBS: Choice 60-90 lb. 34.00-36.00, couple lots 37.00; Good 30.00-34.00.

SLAUGHTER EWES: Utility and Good 8 00-16.00.

New Holland Dairy Auction

Wednesday, December 5

Reported receipts of 119 cows, 38 heifers, and five bulls. Market stronger than last week's market.

Three loads Canada and Pennsylvania pure bred grade cows, fresh, 625-1400; springers 500-1900.

Load Franklin County cows, fresh 520-650; springers 660-1000.

Load New York State cows, fresh 630-1375.

Locally consigned cows 500-900.

Springing Heifers 540-700.

Bulls 495-700.

Vintage Auction

Tuesday, December 4

	Cattle	Calves	Sheep
Today	665	673	11
Last Week	745	665	16
Last Year	935	802	37

CATTLE: Compared to last Tuesday, slaughter steers steady to 1.00 lower; cows 1.00-2.00 lower; bulls and bullocks fully steady to strong. Supply included 47 per cent cows.

SLAUGHTER STEERS: Choice 950-1300 lb. yield grade 2-3 41.00-43.00, few mainly yield grade 2 45.10-46.60; Choice 1100-1425 lb. yield grade 3-5 37.50-41.50, few mainly yield grade 5 1300-1450 lb. 35.85-37.00; Good 38.00-40.60; Standard and low Good 37.00-38.50.

COWS: Utility and high dressing Cutter 32.50-34.50, few 34.50-35.00; Cutter 31.50-34.00; Canner and low Cutter 29.00-31.00.

BULLOCKS: Choice 42.00-45.35; Good 41.00-42.50.

BULLS: Yield grade 1 1200-1600 lb. 42.50-45.35, few 1850-2080 lb. 44.50-46.00; yield grade 2 1000-1400 lb. 40.50-42.50.

VEAL CALVES: Vealers uneven, Standard to Prime 2.00-6.00 higher, with Prime as much as 12.00 higher, Utility steady to strong.

VEALERS: Prime 80.00-87.00, around eight head 91.00-92.00; Choice 74.00-80.00; Good 60.00-70.00; Standard 50.00-60.00; Utility 90-120 lb. 35.00-45.00, 60-85 lb. 30.00-35.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein heifers 58.00-60.00, with Utility 70-105 lb. 45.00-51.00, bulk 100-115 lb. bull calves 75.50-81.00, couple lots 120-125 lb. 63.00-65.00.

SHEEP: Insufficient volume for a market test.

Lebanon Valley Auction

Tuesday, December 4

366 Cattle

Compared to last Tuesday's market, slaughter steers steady to $1.50 lower, most decline on Choice. Slaughter cows 25 cents to $1.25 lower. Slaughter bulls 25 cents to $1 lower.

STEERS: Few Choice 1050-1350 pounds slaughter steers 36.85-40.60, Good 39.25-41.50, Standard 37.50-39.50, few Utility 36.50-37.50.

HEIFERS: Few Choice slaughter heifers 38.75-40.35. Utility and High Dressing Cutter slaughter cows 32.50-36.00, Cutters 32.50-33.50, Canners 29.50-32.60, Shells down to 25.00.

BULLOCKS: Good slaughter bullocks 43.00-43.85, Standard 39.00-42.75, Utility 37.00-38.50.

BULLS: Yield Grade 1-2 1150-2035 pounds slaughter bulls 41.10-45.25.

228 Vealer Calves

Vealers steady to $2 higher. Choice vealers 67.00-71.00, Good 62.00-67.00, few Standard 54.00-61.50, Utility 90-120 pounds 42.00-45.00, 70-85 37.00-41.00. Farm calves, Holstein bulls 90-120 45.00-68.00; Holstein heifers 90-1450 55.00-69.00.

Lancaster Auction

Wednesday, December 5

	Cattle	Calves	Hogs	Sheep
Today	515	36	288	18
Last Week	611	93	336	30
Last Year	500	92	205	24
Wednesday's Auction	412	84	330	27
Last Wed.'s Auction	583	114	373	28

CATTLE: Compared to Monday, slaughter steers steady to 50 higher; cows 1.00-2.00 lower, instances 3.00 lower; bulls steady to 1.00 higher, with few sales over 1500 lb. fully 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 1100-1300 lb. yield grade 3-4 39.00-42.00; Choice 950-1300 lb. yield grade 2-4 40.50-43.10, few 43.10-43.75, three head yield grade 2 44.75-45.25; Choice 1150-1325 lb. yield grade 3-5 38.50-40.50, few yield grade 5 1300-1450 lb. 34.60-36.85; Good 950-1350 lb. 37.85-40.50.

SLAUGHTER HEIFERS: Choice 900-1050 lb. 40.75-41.85, couple 43.60-44.10; Good 37.00-39.00.

COWS: Utility and high-dressing Cutter 32.50-34.50; Cutter 29.85-32.50; Canner and low Cutter 28.35-29.50.

BULLS: Yield grade 1 1100-1600 lb. 43.25-45.75, five head 1500-1800 lb. 47.75-50.00; yield grade 2 1000-1400 lb. 40.50-43.00, few 37.85-40.50.

VEAL CALVES: Vealers 1.00-2.00 higher, instances 4.00 higher on Prime.

VEALERS: Prime 82.00-86.00, few 88.00-91.00; Choice 72.50-80.00; Good 62.50-70.50; Utility 90-120 lb. 35.00-42.50, 65-85 lb. 30.00-36.00.

SHEEP: Few Choice 75-105 lb. wooled lambs 1.00 higher at 36.50-37.50.

New Holland Horse Auction

Monday, December 3

Reported receipts of 388 head of horses, mules and ponies; market stronger than last week's market.

Load Kansas riding horses 135-400.

Load Ohio work horses 190-270.

Load Ohio driving horses 220-495.

Local work horses, 245-530; mules 115-180; driving horses 175-570; riding horses 160-215; better horses 250-790.

Lightweight killers, 10-12; heavyweight 19-21.

Mare ponies 15-40; colts 5-8; geldings 15-35; larger ponies 45-75.

New Holland Auction

Thursday, December 6, 1973

CATTLE: 811. Compared to last Thursday slaughter steers weak to 1.00 lower; cows 50-1.00 lower, instances 1.50 lower; bulls weak to 1.00 lower, small supply bullocks fully steady. Supply included 38 per cent cows and 15 percent feeders.

SLAUGHTER STEERS: Choice 950-1350 lb. yield grade 2-4 40.00-42.50, few mainly yield grade 2 $42.75-42.25, couple 44.50-44.75; Choice yielded grade 3-5 1100-1400 lb. 38.00-40.00, few mainly yield grade 5 36.75-38.00; Good 900-1050 lb. 40.00-41.50, several 41.50-42.25, 1050-1300 lb. 38.85-40.50.

COWS: Utility and high dressing Cutter 32.50-34.75, few 35.25-36.75; Cutter 31.00-34.50; Canner and low Cutter 28.75-30.75.

BULLOCKS: Few Choice 45.50-46.85; Good 42.50-44.50.

BULLS: Yield grade 1 1100-1800 lb. 43.00-45.35, few 45.60-47.60; Yield grade 2 1000-1600 lb. 40.00-43.00.

FEEDER STEERS: Lot Choice 800 lb. 40.75; mixed Good and Choice 790-825 lb. 39.75; load mostly Good with end of Choice 775 lb. 36.50.

VEAL CALVES: 541. Vealers fully steady, instances 2.00 higher on Choice and Prime.

VEALERS: Prime 79.00-87.00, few 88.00-91.00, individual 93.00; Choice 72.00-79.00; Good 62.00-72.00; Standard 53.00-62.00; Utility 90-120 lb. 40.00-47.00, 65-85 lb. 35.00-42.00.

SHEEP: 37. Small supply wooled lambs 50-1.00 higher.

WOOLED LAMBS: Good 55-70 lb. 29.00-33.00, one lot Choice 65 lb. 38.00.

Slaughter Steers	306
Slaughter Heifers	20
Cows	285
Bulls	75
Feeder Steers	125
Total Cattle	811

Today	811	541	37
L.W.	775	650	31
L. Y.	679	505	21

Monday, Dec. 3

Calf Receipts 109

Choice and Prime 67-80; Good and Low Choice 63-66.50; Standard 50-62.50; Common 40-50.

Monday, Dec. 3

58 loads of hay and 22 loads of straw sold as follows: (prices per ton)

58 loads hay & 22 loads straw.

Alfalfa 52.00-82.50, 2 loads 90.00 and 91.00.

Timothy 40.00-50.00.

Mixed hay 40.00-62.00 few loads to 76.00.

Hay, one load at 39.00.

Clover, 3 loads 46.00-55.00.

Straw 38.00-47.00, few loads 30.00-37.50.

Ear Corn, 7 loads 61 00-72.00.

Corn Fodder, one load at 35.00.

Shavings, one load at 17.00.

Composite Report

Weekly December 7, 1973

	Cattle	Calves
This Week	3100	1500
Last Week	3398	1606
Last Year	3850	1567

CATTLE: Slaughter steers weak to 1.00 lower; cows 1.00-1.50 lower; bulls uneven closing the weak mostly steady. Instances 1.00 lower. Supply included 40 percent slaughter steers, 35 percent cows, 10 percent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1100-1400 lb. yield grade 3-4 38.60-42.00, yield grade 4-5 36.75-37.60, choice 950-1350 lb. yield grade 2-4 40.00-42.50, several mainly yield grade 2 42.75-43.75, few head 44.50-46.60, choice 1100-1425 lb. yield grade 3-5 37.50-41.50, few mainly yield grade 5 1300-1450 lb. 34.60-38.00, good 38.00-41.50, few 41.50-42.25, standard and low good 37.00-38.50.

SLAUGHTER HEIFERS: Choice 900-1050 lb. 40.75-41.85, couple 43.60-44.10, good 37.00-39.00.

COWS: Utility and high Dressing Cutter 32.50-34.75, few at the close 35.25-36.75, after several on Monday selling up to 37.75. Cutter 30.50-34.50, Canner and low Cutter 28.35-30.75.

BULLOCKS: Choice 950-1275 lb. 42.50-45.35, few 45.50-46.85, good 40.50-44.50.

BULLS: Yield grade 1 1100-1800 lb. 42.50-45.35, few 45.35-47.60, with 5 head on Wednesday 47.75-50.00, yield grade 2 1000-1500 lb. 40.00-43.00, few 37.85-40.00.

VEAL CALVES: Vealers uneven with choice and prime generally strong to 2.00 higher. Other grades mostly steady.

VEALERS: Prime 79.00-87.00, several 88.00-92.00, choice 72.00-80.00, good 60.00-70.00, standard 50.00-62.00, utility 90-120 lb. 35.00-47.00, 65-85 lb. 30.00-36.00.

RETURN TO FARM: Bulk 90-120 lb. holstein heifers 58.00-60.00, few on Monday 60.00-70.00. Utility 70-105 lb. 45.00-51.00, bulk 100-115 lb. bull calves 75.50-81.50, couple lots 100-125 lb. 63.00-65.00, with Utility 90-120 lb. bull calves 55.00-60.00.

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Hog Prices

Lancaster Market

Monday, Dec. 3

Barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1 195-230 lb. 43.50-44.00; US 1-2 195-240 lb. 42.75-43.00; US 2-3 190-240 lb. 42.00-42.50.

Vintage Auction

Saturday, December 1

HOGS 709: Compared with last Saturday's market. Barrows & Gilts: 50c to $1.50 lower. US No. 1-2 200-240 lbs. 43.10-43.60, few 43.75-44.10, No. 1-3 200-250 lbs. 42.50-43.10, No. 2-3 235-265 lbs. 41.85-42.50, No. 2-4 150-160 lbs. 35.00-38.25. SOWS: US No. 1-3 290-555 lbs. 36.00-38.50. Boars 34.00-38.00.

Wednesday, December 5

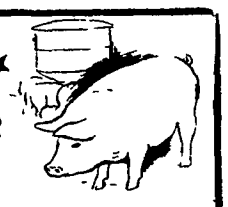
HOGS 500: Compared with last Wednesday's market. Barrows & Gilts: 50c to $1 lower. US No. 1-2 200-240 lbs. 43.50-44.00, No. 1-3 200-250 lbs. 41.00-43.00. SOWS: US No. 1-3 300-550 lbs. 33.50-35.00. Boars: 32.00-35.50.

Lancaster Auction

Wednesday, Dec. 5

Barrows and gilts steady to strong.

BARROWS AND GILTS: US 1 195-225 lb. 44.60-44.75; US 1-3 200-240 lb. 42.75-43.35; US 2-3 240-255 lb. 41.10-42.35.



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New Holland Auction

Monday, December 3

HOGS 1079: Compared with last Monday's market. Barrows & Gilts: 50c to $1 lower. US No. 1-2 200-240 lbs. 43.25-45.00, No. 1-3 200-250 lbs. 42.25-43.25, No. 2-3 220-270 lbs. 40.00-42.25, No. 2-4 160-190 lbs. 39.00-42.25. SOWS: US No. 1-3 300-575 lbs. 35.00-37.50. Boars 34.25-35.75.

St. Louis Auction

HOGS: 6000.

Barrows and gilts 1.00 lower.

BARROWS AND GILTS: US 1-2 200-230 lb. 41.25-41.50; US 1-3 200-220 lb. 41.00-41.25; 220-240 lb. 40.00-41.00.

Lebanon Valley Auction

Tuesday, December 4

444 Hogs

Barrows and Gilts $1.50 to $2.50 lower.

Barrows and Gilts: US 1-3 200-245 pound barrows and gilts 41.10-42.10, 2-3 230-255 40.25-41.00, 3-4 265-275 37.00-37.75.

Sows: Few US 1-3 300-550 pound sows 36.00-39.00, few 2-3 450-550 33.25-35.60.

Boars: 31.75-33.50.

50 Feeder Pigs

US 1-3 25-35 pound feeder pigs 17.50-22.50 per head.

Peoria Auction

HOGS: 4000.

Barrows and gilts 1.00-1.50 lower.

BARROWS AND GILTS: US 1-2 200-230 lb. 40.50-41.00; US 1-3 200-240 lb. 39.75-40.50.

Indianapolis Auction

HOGS: 2000.

Barrows and gilts under 240 lb. fully 1.00, instances 1.50 lower, over 250 lb. not established.

BARROWS AND GILTS: US 1-3 200-230 lb. 40.50-41.00; 230-250 lb. 39.50-40.50.

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New York Dressed Meats

Thursday, December 6

Daily distributive - less than carlot meat trade.

Compared with Wednesday: Prices unchanged but weak tor steer and heifer beef. Veal and calf steady to weak. Lamb weak throughout. Pork loins $2.00 higher, picnics $1.00 higher, butts steady, spareribs and hams $2.00 lower.

Demand generally poor for most fresh meats. Practically all beef cuts under pressure except chucks meeting moderate outlet. Peddling situation on lamb in instances. Pork loins getting first call in that division.

Steer Beef

Prime 600-900 pounds, 66.50-67.50; Choice 600-700 65.50.67.00; 700-800 63.50-65.00; 800-900 60.00-62.50. Good 500-800 58.50-62.50.

Heifer Beef

Choice 500-700 pounds 62.50-64.50.

Calf (Skin Off)

150-300 pounds

Choice 97.00-100.00; Good 86.00-95.00; Standard 80.00-86.00.

Veal (Skin Off)

Choice 90-150 pounds 112.00-115.00; Good 60-90 100.00-107.00; Standard 60-120 85.00-90.00.

Lamb

Choice and Prime: 30-55 pounds 77.00-80.00; 55-65 74.00-77.00.

Choice Beef Cuts

Hinds (steer) 145-190 pounds 73.00-76.00; Arm Chucks 90-105 56.00-59.00; Ribs (7-rib) 34-40 70.00-80.00; Loins (trmd) 50-70 95.00-100.00; Rounds (steer) 70-95 72.00-75.00; Full Plates 39.00; Hinds (heifer) 120-170 73.00-75.00.

Fresh Pork Cuts

Loins (regular) 8-14 pounds 76.00-78.00; 14-17 74.00-77.00; Picnics (regular) 4-8 56.00-59.00; Boston Butts 4-8, 63.00-67.00; Spareribs three pounds down 75.00-78.00; Hams (skinned) 14-17 84.00-86.00, 17-20 78.00-80.00.

Peoria Cattle

Thursday, December 6

Receipts this week: 5000

Last Week: 5100

Year Ago: 6000

Compared with last weeks close, Slaughter steers yield grade 2-4 weak to 1.00 lower, 4-5 1.00-2.00 lower. Slaughter heifers steady to 50 lower. Cows closed 1.00-2.00 lower. Bulls mostly steady. Receipts 65 percent slaughter steers, 30 percent slaughter heifers, balance mostly cows, Sharp increase in number of yield grade 4-5 slaughter steers over past couple of weeks.

STEERS: Choice and Prime 1200-1300 pounds yield grade 3-4 37.00-38.00: Load 1350 35.00; 1200-1350 4-5 33.00-36.00; 1300-1450 32.25-33.00; Choice 900-1200 2-4 38.50-39.50; Several loads 900-1140 2-3 40.00; Half-Load 40.50; Choice 1200-1300 2-4 37.00-38.00 load 1400 4 33.00; Mixed Good and Choice 900-1200 38.00-38.50; Good 37.00-38.00; Standard and Good Holsteins 36.00-37.00.

HEIFERS: Choice and Prime 900-1050 pounds yield grade 3-4 36.00-37.00; Few 4-5 950-1180 31.00-33.00; Choice 800-1050 2-4 37.00-38.00; Part-Load 38.50 and Load 39.00; mixed Good and Choice 750-1100 36.50-37.00; Good 34.50-36.50

COWS: Utility and Commercial 25.00-29.50; High-Dressing Utility 30.00; Cutter 24.00-29.00; Canner 22.00-24.00.

BULLS: Yield Grade 1-2 1100-1800 pounds 37.00-40.00; Individual yield Grade 1 41.25; Few yield Grade 3 34.00-36.00.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to Date	457,000	1,205,000	138,000
Same Period Last Week	478,000	1,252,000	140,000
Same Period Last Year	502,000	1,276,000	162,000

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Bus Tour & Dale Clary Alfalfa Meeting

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New Holland, Pa. 717-354-5171

Futures Trading

(Closing bids as of Thursday, December 6)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
December	37.50	41.35		64.45
January '74				54.70
February	45.10	43.60		49.70
March			7.63	48.15
April	46.47	42.35	7.97	46.00
May			8.89	44.50
June	46.57	43.75		
July		44.70		
August	45.75	43.20		
October	44.90	42.40		
November		42.40	5.11	

Trend — Cattle are Stronger, Hogs are Stronger, Potatoes are Stronger, and Eggs are Steady.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Omaha Cattle

Thursday, December 6

Compared with last week's close: Slaughter steers and heifers 1.00-1.50 lower in very uneven trade. Cows 3.00-3.50 lower, Bulls weak to 1.00 lower. Small feeder supply weak to mostly 1.00 lower.

Four day receipts 19,700 as compared 22,100 previous week and 19,900 a year ago. Slaughter steers approximately 45 percent, heifers 30 percent, cows 7 percent feeders near 15 percent including consignments for Friday auction sale. Fed cattle trade followed a highly erratic pattern during week under review. Prices declined sharply on an expanded Monday supply, made a substantial recovery at midweek as hazardous roads virtually paralyzed livestock movement only to register another sharp downturn on Thursday. However, demand was fairly broad at the lowered prices and Canadian buying interests were fairly aggressive with the volume bought for export increased over most recent weeks. Marketings poorly distributed over trading period as the Monday run swelled by a long string of Texas and Oklahoma origin and more than 50 percent of the four day total arrived for the opening session. Overall finish quite attractive with liberal percentage Choice and moderate volume High-Choice and Prime, a large share mixed yield grade 3 & 4.

STEERS: At midweek high-time, four loads and part loads Choice and Prime 916-1155 pounds yield grade 3-4 39.00-39.50. At the close, four loads Choice and Prime 1050-1111 38.25-38.50; two loads High-Choice and Prime 1175-1200 37.25-37.75. Choice 975-1200 2-4 mainly 37.00-38.00, few 1000-1100 2-3 38.25-38.50. Choice 1200-1300 3-4 36.00-37.25. Early in week, a number of loads Choice 1250-1350 34.00-35.50, load 1400 4 32.50. Mixed Good and Choice 950-1200 closed 36.00-37.25. Good 35.00-36.25. Standard and Low-Good 34.00-35.00.

Average cost slaughter steers first three days 36.81 average weight 1164 pounds as compared 38.92 and 1158 pounds previous week and 34.62 and 1154 pounds a year ago.

HEIFERS: Four loads Choice and Prime 1003-1020 pound yield grade 3-4 37.65-37.75 on Wednesday. In closing trade High-Choice and Prime 975-1025 3-4 36.25-37.00. Choice 850-1050 2-4 35.50-37.00, Two loads Choice 925-950 37.25-37.50. Mixed Good and Choice 800-1000 35.00-36.00. Good 33.00-35.00. Standard and Low-Good 32.00-33.00.

COWS: Utility and Commercial late 25.50-27.50, Canner and Cutter 23 00-25.50, mixed Cutter and Low-Utility 26.00-26.50. Shelly Canner 21.00-22.50.

BULLS: Yield grade 1 & 2 1400-1800 pounds 36.00-39.00, few yield grade 1 40.00-41 00.

FEEDERS: Prices weak to mostly 1.00 lower on small supply, mainly fleshy two-way steers with moderate showing fleshy heifers

STEERS· Load Choice 969 pounds 39 00. High-Good and Choice 948-1060 fleshy 37.50-38.25

Poultry Market Reports

Delmarva

Wednesday, Dec. 5,
Broiler-Fryer Market

Ready to cook movement light and disappointing. Slaughter schedules sharply reduced at several plants in line with reduced needs. Less than trucklot prices lower on both plant and US Grade A. Occasional fillin load of plant grade reported at 33 cents. Advance trading slow in developing as both buyers and sellers await further market developments. Live supplies ample at often heavier than desired weights. Undertone weak and unsettled.

Pool trucklot prices for Thursday arrival: US Grade A 35-40, mostly 35-36. Plant Grade 34-38, mostly 34-35.

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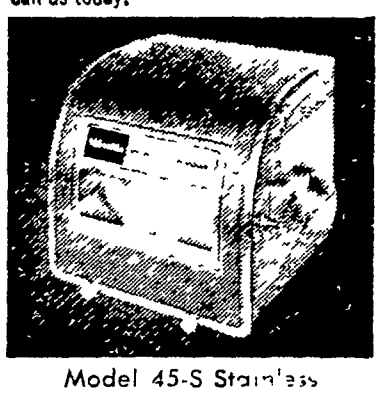

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New England Weekly Shell Egg Report

Tuesday, December 4

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	73-76	72-75	69-73	56-59
Mostly	74-76		70-72	
NEW HAMP	73-80	71-78	67-74	55-62
Mostly	75-76	73-74	69-70	57-58
R. I.	76-77	75-76	74-75	59-60
Mostly				
VERMONT	74-83	73-82	70-81	TOO FEW
Mostly				
MAINE	74-76	73-75	70-72	59-59
Mostly				

+Includes Central & Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	65	65
Class 3 - Medium	42 lbs.	63	63
Class 4 - Small	39 lbs.	55	55
Breaking Stock	48 lbs.	55	55
Checks	48 lbs.	43	43

Oklahoma City

Thursday, December 6
Estimated Receipts 7,400
Same day last week 9,908
Same day last year 4,608

Moderately active, feeder cattle and calves generally steady with the weeks sharp decline; majority receipts Good and Choice 300-750 pound steers and 300-600 pound heifers; moderate attendance buyers.

FEEDER STEERS: Choice 300-400 pound 57.25-60.00; 400-500 54.75-58.00, small lot 409 60.00 and small lot 423 62.60; 500-600 48.75-54.00, small lot 505 56.10; 600-700 49.50-52.60; 700-800 45.50-52.00, largely 45.50-49.00; few 800-824 42.55-44.30; Mixed Good and Choice 300-500 50.00-56.50; 500-700 45.00-48.75; 700-805 39.50-45.50; Good 390-500 40.00-49.75; 500-750 38.25-45.25.

HOLSTEIN STEERS: Part load Good 462 pound at 44.80; Good 900-992 36.90-40.80.

FEEDER HEIFERS: Choice 300-400 pound 49.00-52.00; 400-500 42.50-46.50, short load 424 47.80; 500-600 41.00-43.00, small lot 501 45.30; 600-685 39.90-40.90, small lot 672 43.75; Mixed Good and Choice 300-500 40.00-44.00; 500-600 38.25-40.00; Good 300-500 37.50-40.25.

For The Week: Feeder cattle over 500 pound 1.00-4.00 lower, mostly 2.00-4.00 off; feeder calves 3.00-6.00 lower; cows 1.50-3.00 lower, full decline on Canners; Bulls in relative small supply and generally steady. Salable receipts near 19,700 head compared to 19,579 last week and 9,628 the comparable period a year ago Feeders 87 percent of total, cows 14 percent cattle receipts.

Egg Market

Wednesday, Dec. 5
Philadelphia Eggs

Prices unchanged. Cartoning demand light to fair. Offerings fully adequate to ample on larger sizes; Adequate to barely adequate on mediums and smalls. Undertone ranged nervous and unsettled to confident.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons,

Wednesday, Dec. 5
Baltimore

Market Steady. Movement fair to occasionally good. Supplies adequate.

Cartoned eggs: prices to retailers, state graded (min one case sale)

White Grade A Large 78-84, mostly 78-80

White Grade A Medium 76-82, mostly 76-78

	Delivered Store Door	
A Extra Large	76	77½
A Large	75	76½
A Medium	71	72½

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Green Dragon Hay

Friday, November 30

67 loads hay, including: Alfalfa 50.00-71.00, individual at 80.00, Timothy 31.00-41.50; Mixed hay 36.00-74.00; Clover, few loads 46.00-54.00; Bromegrass, one load at 41.00.

19 loads straw 37.00-45.00, one load at 53.00.

Corn, two loads 69 00 and 71.00

Corn Fodder, two loads 29.00 and 32.00.

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Weekly New York Egg Market

From Monday, December 3rd to Friday, December 7th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	72	72	72	72	72
Large	71	71	71	71	71
Mediums	69	69	69	70	70
Pullets	60	61	61	61	61
Peewees	45	46	46	46	46
BROWN					
Fcy. Large	71	71	71	71	71
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large	65	66	66	66	66
Checks	42	42	42	42	43

Long Tone — Extra Large and Jumbo Slow, Balance Steady to Firm.

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Fogelsville

December 4, 1973

(Prices paid dock weights cents per lb.)

Hens, heavy type 10-26½, mostly 18-25; Pullets 25-37, mostly 27-35; Roasters 18½-41, mostly 34-37; Capons 41-49; Ducks 36-55, mostly 45-50; Drakes 50½-64, mostly 57-60; Geese 48-58; Turkeys - Toms 41-43; Turkeys - Hens 50-52; Rabbits 75-1.03, mostly 80-85; Guineas 91; Pigeons (per pr.) 80-3.00, mostly 1.00-1.30.

Total coops sold 417

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville exit. North on stoplight in Fogelsville, turn left, proceed 1 mile.

Eastern Pa. & N.J.

Wednesday, Dec. 5
Live Poultry

Prices lower on light type hens. Demand good for adequate offerings for full operation. Offerings of heavy type hens irregularly distributed but adequate for limited needs.

Prices paid at farm: Light type hens 11-14½, mostly 13½-14 in Pa. and mostly 13½-14½ in N. J. Heavy type hens TFEWR.

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Richard E. Wanner, Editor
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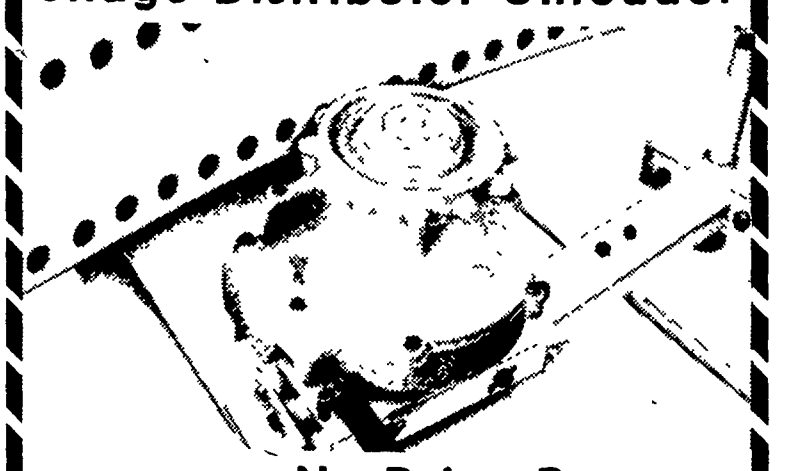

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THE OLD FARMER'S ALMANAC

DEC. 10-16, 1973

This week, much rain except in high terrain.

Get your Christmas tree this week . . . Grandma Moses died Dec. 13, 1961 . . Last quarter of the Moon Dec. 16 . . . Indiana admitted to Union Dec. 11, 1816 . . . Battle of the Bulge began Dec 16, 1944 . . Average length of days for week, 9 hours, 6 minutes . . . Ohio River Bridge disaster Dec. 15, 1967 . . . First use of laughing gas for tooth extraction Dec. 11, 1844 . . . Boston Tea Party Dec. 16, 1773 . . . Everyone's humming, Christmas is coming.

Ask the Old Farmer: "Thirty days hath September, April, June and November . . ." Was there ever a better known jingle in common use? How ever could we remember the number of days in each month without it? I would like to know who the author was and when he wrote it? A.C., Salem, Oregon.

The jingle appeared in American school books at least a century and a half ago. It is said to have been inspired by the official adoption of the Gregorian calendar by England and America in 1752 -Slightly at variance with the Julian calendar the jingle aided the memory. But who did it? We don't know.

Home Hints: Chewing gum or tar will come off clothing easily if you run an ice cube over them for a couple of minutes . . . Creases in acetate and rayon woven fabrics will disappear if you run a steam iron on the wrong side of the material

OLD FARMER'S WEATHER FORECASTS

New England: Week begins partly clear and warmer, then heavy rain with 5-7" snow in mountains; end of week partly cloud and seasonably cold.

Greater New York-New Jersey: First part of week cold with 3-5" snow rain and freezing rain latter part.

Middle Atlantic Coastal: Early week cold with 2-4" intermittent snowfall; end of week rainy and slightly warmer.

Southeast Coastal-Piedmont: Rain to start, then clearing and not so cold; clear and mild latter part, then increasing cloudiness

Florida: Week begins mostly sunny and warm in central and south with showers in north, then clearing; sunny latter part with light rain in central region.

Upstate & Western N.Y.-Toronto & Montreal: Partly cloudy at first then rain, occasionally mixed with snow, and mild; end of week clearing in east and light rain in west.

Greater Ohio Valley: First part of week very cold with 2-4" snow, cloudy and warming latter part with rain on weekend

Deep South: Cloudy and cold to start, then rain; rain continues latter part, then clear and warm on weekend.

Chicago and Southern Great Lakes: Week begins with slight warming and rain occasionally mixed with snow, then partly cloudy and warm; rain latter part.

Northern Great Plains-Great Lakes: First part of week partly clear in west and cold with light snow in east; end of week mild with light snow on weekend.

Central Great Plains: Light rain or freezing rain to start, then gradual clearing and not as cold; generally clear with temperatures above normal latter part.

Texas-Oklahoma: Rainy and warm to start, then partial clearing, end of week mostly sunny and mild.

Rocky Mountain Region: First part of week cloudy in north, clear and mild in east and light snow in north; 4-6" snow in central latter part and cloudy and cold elsewhere.

Southwest Desert: Generally clear and pleasantly warm all week.

Pacific Northwest: Rain all week, possibly mixed with snow; heavy snow in mountains latter part.

California: Partly sunny to start, then rain in north and heavy snow in mountains; end of week rainy in north and partly cloudy in south.

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Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending November 30

CATTLE 4942, compared with 3058 head last week, and 4528 head a year ago Compared with last week's market, slaughter steers mostly 25 cents to $1 lower. Slaughter cows strong to $2 higher. Slaughter bullocks strong to 50 cents higher. Slaughter bulls uneven.

STEERS: High Choice & Prime 40.00-42.50, Choice 40.00-43.35, Good 38.75-43.00, Standard 37.00-40.75.

HEIFERS: Choice 39 25-41.40, Good 37.75-40.25, Utility 35.25-39.00.

COWS· Utility & High Dressing Cutter 33 50-36.70, few to 38 00, Cutters 30.50-34.75, Canners 28.00-32.75, Shells down to 22.00

BULLOCKS: Choice 43.25-45.00, Good 40 25-44.00, Standard 39.25-41.60, Utility 38 00-40 00.

BULLS: Yield Grade 1-2 850-1250 pounds 38.00-43 00, 1250-2000 41.00-46 00.

FEEDER CATTLE: Choice 300-500 pounds feeder steers 53.00-58.50, Good 300-650 43 00-50.50, Medium 300-900 40.50-45 00; Good 300-650 feeder heifers 40.00-48.00.

CALVES 4090. Compared with 2750 head last week, and 4676 head a year ago. Vealers steady to $4 higher

xxx

The American Nursing Home Association says nursing homes provide three types of services: nursing care (nursing procedures requiring the professional skills of a registered nurse or licensed practical nurse), personal care (services such as help in walking, getting in and out of bed, bathing, dressing and eating), and residential care (general supervision and a protective environment).

VEALERS: Prime 74.00-83.50, Choice 65 00-75.00, Good 59.00-68.00, Standard 48.00-60.00, Utility 90-120 pounds 38.00-49.00, 70-85 30.00-40 00. Farm calves, holstein bulls 80-120 41.00-66.00; holstein heifers 80-130 45.00-70.00; beef cross bulls & heifers 70-110 42 00-68.00.

HOGS 5554 Compared with 521 3 head last week, and 5385 head a year ago. Barrows & Gilts: Mostly $1 lower, although spots 75 cents higher.

BARROWS & GILTS: US 1-2 200-235 pounds 42.50-44.75, 1-3 200-240 41.50-44.00, 2-3 190-250 40.00-41.75, 2-4 250-300 38.75-42.00, 2-4 80-180 37.20-41.50.

SOWS: US 1-3 300-575 pounds 36.50-39.75, 2-3 300-500 34.00-37 25. Boars 30.75-37.00.

FEEDER PIGS 942. Compared with 1043 head last week, and 773 head a year ago. US 1-3 20-35 pounds feeder pigs 12.00-23.00 per head, 1-3 35-50 17.00-28.50, 1-3 50-65 30.00-34.50 per head.

SHEEP 541. Compared with 727 head last week, and 521 head a year ago. Wooled slaughter lambs mostly $1.50 higher. Choice 70-100 pounds wooled slaughter lambs 30.00-35.00, Good 65-100 28.50-32.00, Utility 50-70 22.00-27.00. Slaughter 13.00-17.50.

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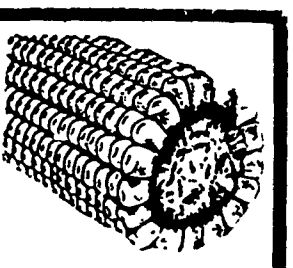

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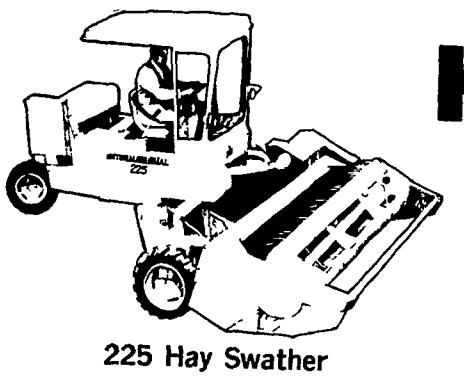

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Inflation, Government Spending Share Blame For High Food Prices

More than seven out of 10 non-farm families blame inflation as the main cause of rising food prices in 1973, and 82 percent say that the best way to correct inflation is to cut government spending.

Strong majorities also favor controls on corporation profits and ceilings on retail food prices as methods of assuring reasonable food prices.

But the non-farm public is strongly opposed to raising income taxes, food rationing, and meatless days at stores and restaurants.

An overwhelming proportion of the non-farm American public, 94 percent, think food prices should be lower; and 91 percent would like to see food quality imporved.

This was revealed at Chicago today by PACER, Inc., a non-profit corporation made up of the nation's six leading professional agricultural communicator organizations. The nationwide survey was conducted for PACER, Inc by Response Analysis Corp., a research organization in Princeton, New Jersey. The study was funded by the Office of Communication of the U. S. Department of Agriculture.

Personal interviews averaging 50 minutes each were conducted from mid-September to mid-October in 2,178 scientifically selected households in 225 locations, a technique that is expected to give accurate results within two to three percentage points.

The PACER survey covered food prices, the environment, rural development, pesticide use, food quality, and public attitudes towards farmers.

The top five causes of 1973 food price levels named by the non-farm public were: inflation, food exports, high farm costs, food industry wages, and higher transportation costs.

People were then given a list of things that might be done to assure reasonable food prices. The top five choices selected by the non-farm public were: cut government spending, restrict food exports, control corporation profits, remove all planting restrictions, and put ceilings on retail food prices.

The PACER survey shows that the non-farm public regards farmers as harder working, more friendly and helpful, more dependable, more productive, more concerned about the environment, and doing more about the environment than the average non-farm person.

Nearly half the non-farm public say that farm prices were too low in the 10-year period 1962-72. Only 19 percent think that farm prices were too high in 1973, and only 6 percent say that high farm incomes were a main cause of 1973 food price levels.

The public overestimates the rise in food prices and underestimates the rise in wages for the 10-year period 1962-72. Average wages increased 64 percent during this period, while food prices rose 37 percent. However, 48 percent of the non-farm public believe that food prices went up faster than wages. Only 27 percent correctly identified wages as having gone up more.

Both medical care and housing costs—up 59 and 41 percent—increased faster than food prices during this 10-year period, but 42 percent of the public think food prices went up the fastest. Only 27 percent correctly identified medical costs as having increased faster than housing and food.

Farm productivity per man hour has been increasing at twice the rate in industry. While nearly half of the non-farm public recognize that farm productivity is greater, one person in five (22 percent) thinks that the increase in farm productivity is lower than non-farm output per hour.

People are concerned about the future of the family farm and rural communities Generally, the non-farm public endorses the idea of rural development, however, farm residents are somewhat less enthusiastic about rural development than urban residents. People interviewed were told that "rural development" means programs to improve living conditions, services, job opportunities, education, and income levels of rural communities.

Family farming is strongly endorsed by the public—94 percent of the non-farm public believe that family type farming should be preserved. Also 96 percent say that land should be preserved for food production.

More than four people out of 10 think there will be a food shortage in this country 10 years from now. Women are more apprehensive than men Among women from low-income families living in center city areas of the South, around 60 percent fear food shortages in 10 years

A majority of people are concerned about air and water pollution, with young people 18 to 29 years old the most concerned about environmental problems, except for noise. Only 4 percent to 10 percent regard dust from farm fields, smell of feedyards, and farm pesticides as main sources of air pollution Only 4 percent to 12 percent regard soil erosion from farms, manure and fertilizer runoff, and pesticides as main sources of water pollution.

People were queried about their reaction to the use of pesticides on farms. While non-farm people feel that pesticides are not harmful if used as directed on the label, they would like to see stricter regulation on pesticide use, and a high percent say that a pesticide should not be sold if it may be dangerous to human health. More than half believe that pesticides increase the quality of farm food, but less than half believe that pesticides reduce the price of food to the consumer.

The full PACER study results are broken down into responses for farm and non-farm households, four regions, four non-farm family income groups, two farm income categories, four types of employment categories, men and women, White and Black, four age groups, four community residence locations, and three levels of education

There were significant differences within groups in the response to the survey questions. PACER, Inc. points out that these results within groups will enable interested organizations to direct information programs toward specific audiences in order to enhance public understanding of agriculture.

Six national agricultural communicator associations which are members of PACER, Inc. (Professional Agricultural Communications Editorial Research) are: Agricultural Relations Council, American Agricultural Editors' Association, American Association of Agricultural College Editors, Cooperative Editorial Association, National Association of Farm Broadcasters, and the Newspaper Farm Editors of America.

Further information about the survey is available from PACER, Inc., Suite 503, 1129 20th Street, N.W., Washington, D. C. 20036.

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Emerging Patterns . . .

Farm Trade In The 80's

The future could be bright for continued expansion of U.S. farm exports, according to the latest reading from USDA's Economic Research Service (ERS) analysts.

However, exports can be expected to fall from their current peaks before resuming an upward course.

Total U.S. agricultural exports to 1985 have been projected for two sets of conditions. Though both sets assume steady long-term growth in world demand for livestock feeds, the more conservative projection assumes importing countries will pursue self-sufficiency policies and that high prices will constrain import demand. Under these conditions the volume of our agricultural exports can be expected to rise 46 percent from the base year of 1970, but only 7 percent from current high levels.

The higher projection for 1985 shows a 25-percent increase in exports over last fiscal year's and 70 percent above 1970's. It assumes animal production will be encouraged in importing countries and that demand for feed grains and high-protein meal will remain strong. The U.S.S.R. would permit increased livestock consumption even if it meant importing significant amounts of grain. China would import to improve diets of city people. The enlarged European Community, under inducements, would set lower target prices. In the developing countries, accelerated income growth would stimulate food consumption and would strengthen the demand for feed grains.

Under the analysts' higher projection, for example, U.S. exports of feed grains could increase to 56 million tons, or 20 million more than what is expected this year. Soybean exports could jump to 31 million tons, twice the level of current sales and 19 million more than in 1970. Even under the higher projection, the increase in wheat would be small.

Growth in volume has explained most of the increase in the value of U.S. agricultural exports during the last 2 decades. In the low projection, however, half of the increase is the result of rising prices. This study assumes 3 percent annual inflation for the U. S. and nearly 4 percent for the rest of the world. The dollar devaluations of December 1971 and February 1973 are allowed for. Inflation beyond these rates, or further dollar depreciation, would call for a reassessment.

Import demand for U. S. grains looks especially promising in Japan. Even under the lower projection, Japan is expected to take 28 million metric tons—nearly three times the imports in 1970. Taiwan and Korea, both with rapidly expanding economies, would also demand healthy amounts of grain.

Crucial markets. Our actual exports 12 years from now will depend in large part on developments in the enlarged European Community (EC-9), Eastern Europe, and the U.S.S.R. If these markets approach self-sufficiency in meat and grains, we can expect under the lower projection to export 31 million tons of feed grains to all destinations in 1985.

This would be 10 million more than in base 1970 but below the 36 million reached in fiscal 1973.

The potential for bigger U.S. soybean shipments is considerable even if Europe and the U.S.S.R. attain self-sufficiency in meat and grains. Soybean exports in this case are projected at nearly 26 million tons in 1985—two and a half times the 1970 level.

World consumption of meat will continue on its long-term uptrend, as will meat prices. The bulk of the supplies will continue to come from Australia, New Zealand, and Argentina. U.S. imports will keep going up, but the net imports of the EC will decline as a result of stimulated production in the new member countries. Japan's consumption and imports are likely to rise rapidly.

For dairy products, projections indicate ample supplies. Reflecting buoyant demand for livestock products, especially in the developed and Communist countries, total coarse grain exports will rise more steeply than wheat exports and will be larger than wheat exports.

Developed and Communist countries will produce and consume most of the wheat and coarse grains. The developed countries will continue to supply the less developed countries (LDC's) with grain. However, the developed importers will buy more coarse grain whereas the LDC's will import more wheat. This is because the LDC's need to use their limited foreign exchange for importing food grains.

Projected production and trade of the LDC's permit an increase in per capita grain use over 1970, but any sizable increase would probably come from larger domestic production rather than from larger imports. In some LDC's, where wheat production is relatively unimportant, such as Korea and Taiwan, there could be significant expansion of wheat imports.

Under the lower projection alternative, all of Europe will tend toward self-sufficiency in grain production, and by 1985, the area should be practically self-sufficient in wheat. Europe's coarse grain imports will fall except in the non-EC countries of Western Europe where net imports may total about 6 million tons.

Worldwide, Japan will remain the largest single market for wheat and coarse grains.

And in the Soviet Union and the People's Republic of China, larger imports are possible. However, this would run contrary to policies of trying to minimize grain imports and to maximize grain production.

But under the higher projection alternative, U.S.S.R. and Eastern Europe would follow a policy to increase livestock consumption at a faster rate of growth than planned under Alternative I, even if it meant importing grain. This assumes a high overall level of trade with the western world.

The People's Republic of China would become more trade oriented and import more grain to improve city diets.

The enlarged European Community would find it advantageous to set price targets somewhat below those specified under Alternative I, say, because the high cost of the Common Agricultural Policy is becoming politically unacceptable.

The livestock economies, particularly poultry, in the developing world would grow faster than projected either in countries with large revenues from petroleum exports or in countries with faster economic growth than projected. This would accelerate the demand for feed grains.

All the projections would need to be adjusted if crop yields and production around the world could increase through major breakthroughs in plant science, or even continued steady progress in the work of plant breeders. The result would be changes in production costs and in the nutritional value of cereals.

World meat consumption is expected to grow by 3 percent a year to 1985, reaching 163 million metric tons. Beef will account for 59 million tons, pork 54 million, poultry 26, mutton 10, and other types 14. Pork use is seen increasing in the same proportion as total meat, at 3 percent annually, while beef increases by 2.8 percent. Poultry will set the pace with 3.8 percent. Mutton will lag.

Prime consumer. As the

(Continued On Page 33)

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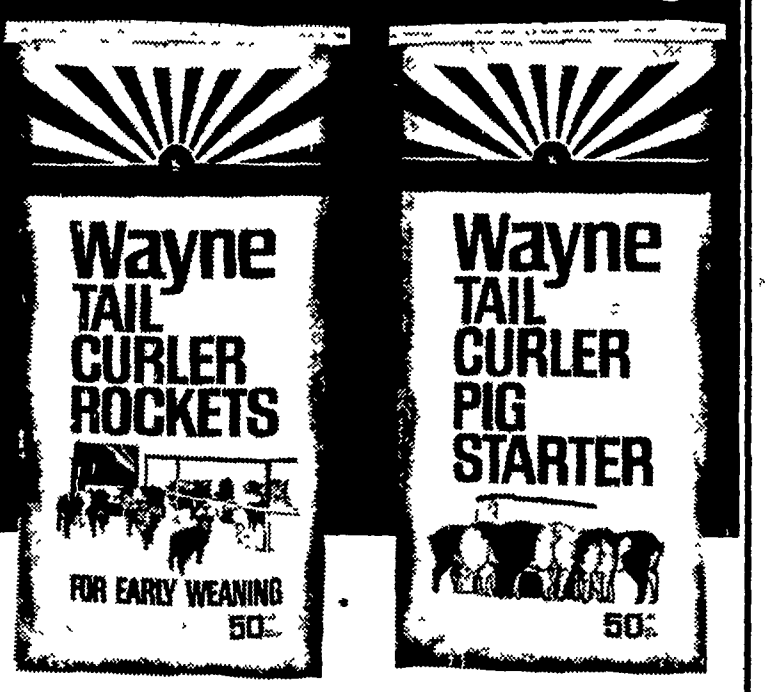

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DECEMBER 15, 1973

START 10:30 AM

LAWN & GARDEN EQUIPMENT WILL BE SOLD AT 2:00 PM

Recreation Vehicles

1-New MTD 4 hp, Mini Cycle
2-New MTD 5 hp, Mini Cycles
1-New MTD 8 hp, Mud Bug, 3 Wheeler
4-New Chibi Blue Mini Bikes 60 cc
4-New Chibi Orange Deluxe Mini Bikes 60 cc
1-Used Taka 100cc Trail Bike

LAWN & GARDEN EQUIPMENT

1-MTD Bradley 8 hp 34" Riding Mower electric start
1-Gilson 5 hp 25" Riding Mower
1-Gilson 8 hp 30" Riding Mower
1-MTD 5 hp Shredder-grinder
1-Bolens 7 hp Snow Blower 26" electric start
2-Bolens 5 hp Snow Blower 24" electric start
1-Bolens 8 hp Snow Blower 32" electric start
1-Oliver 125, 12 hp tractor, Hydro w/42" Rotary Mower
1-Bolens 3.5 hp Leaf Mulcher
1-Mott 18" Flail Mower
1-Wisconsin 4.6 hp Engine

1-Briggs & Stratton, 4 hp, Vertical Shaft Engine
1-Briggs & Stratton, 3 hp, Vertical Shaft Engine
1-Briggs & Stratton, 3 hp, Horizontal Shaft Engine
1-MTD 42" Snow Blade

NEW

USED

1-Oliver 105, 10 hp tractor w/42" Mower
1-Hahn-Eclipse, 5 hp Riding Mower 25"
1-Hahn-Eclipse 18" Reel Mower
1-Hahn-Eclipse 25" Reel Mower w/Sulky
1-Yardman, SnowBird 24", Snow Blower
1-Wisconsin S12D, 12 hp Engine
1 Wisconsin S12D, 12hp Engine w/starter, generator
1-Briggs & Stratton 8 hp Engine
1- Haban 36" Flail Mower for Bolens 1050
1-Bolens 36" Snow Blade fits Lawn Keeper

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ASSORTMENT OF HUNTING & WINTER CAPS
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USED SHOP EQUIPMENT

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PYREX BOWL SETS
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NEW STORE HOURS
Beginning Nov. 1, 1973

Monday, Thur., Friday —
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Worst Shortage of All

The federal price freeze fiasco of 1973, especially in regard to meat, was a classic example of how NOT to tamper with the free enterprise system. The question is, did we learn our lesson well enough so that the mistake will not be repeated in the future?

Frustration over inflation seems to have been the catalyst for a torrent of verbal sniper fire, price freezes and consumer boycotts. As a meat industry spokesman notes, a situation was created "... in which prices inevitably must go up--beyond the levels that would prevail in a free market ... (Freezes and boycotts) discouraged production. Both made it impossible for ranchers, feedlot operators, processors and distributors to realize a reasonable profit. In many instances, operations had to be suspended or conducted at a loss."

Taken in context of the entire economy, the pointlessness of the price ceilings and freezes becomes evident. As the spokesman explains, critics do not mention "... that while retail food prices went up 33 percent from 1967 to 1972, per capita income rose 62 percent. They pass over the fact that annual beef consumption in the United States has increased in ten years from 88 pounds per capita to 116 pounds. Nor do they pay any attention to the skyrocketing demand for prime American red meat in Western Europe and Japan."

Repercussions from the economic freezes will be felt for quite awhile. For example, the restraints on beef prices and operations may have disrupted the chain of supply significantly in the long run, making beef a somewhat scarce item for the next two or three years. To say, "We told you so" would serve no useful purpose, but maybe out of this, the worst shortage of all--public understanding--will be corrected. The free market is the best regulator of the nation's economic life. More people know that now than ever before.

Fighting Heart Disease

Shoes can help stamp out coronary heart disease and early death or disability! If the average American adult will follow the "Watch your SHOES!" health formula developed by Mr. Andre Rhoads, a food industry authority, they may add years to their lives.

His formula represents "risk factors" which, if carefully controlled, could very well lower the chances of heart attack significantly. In the magic word "SHOES," the "S" is for smoking; "H" is for hypertension; "O" is for obesity; "E" is for exercise and "S" is for stress. As the originator of this formula for self-preservation notes, each factor is "... subject to a good deal of personal regulation, provided one's will to live is strong enough to induce him to modify his life-style to lower his risks." Regular medical checkups will enhance the effectiveness of the SHOES concept. This is one prescription you can fill yourself, with better health as the reward--a goal well worth aiming for.

Winter

Winter is hard to define. It conjures up the usual thoughts of snowflakes, Santa and swarms of little ones romping through mud puddles. But the spirit of the new season, which descends upon us December 21 this year, has changed somewhat. For many, the lean, rough edge of Winter suggests a Spartan-like quality which must be revived and cultivated if we are to overcome problems such as shortages of essential energy supplies, inflation and alarming leaps in federal control over our lives.

Modern problems have not dimmed the squeals of youthful sledders, the colorful Christmas pageantry or the chocolaty goodness of a hot cup of cocoa after a brisk walk outdoors. Such enjoyable Winter scenes should not, however, divert us from doing what we can to improve our own corner of the world. That could mean a return to ways which exalt efficiency and scorn wastefulness, or a vigorous plunging into community affairs. Whatever path is taken, new dedication to the common good should benefit us all in the long run.

Grassroots Opinion

LENNOX, S.D., INDEPENDENT: "We all cuss inflation and are convinced that our income will not keep pace with rising prices, but how would you like to be a farm worker in Russia? It would require 60 years' wages to purchase a new car. Well, that takes care of private transportation problems for most Soviets. No wonder their public transportation is used extensively. With rising gasoline prices and growing traffic problems in this country, the one man - one car concept may be a thing of the past in a few years, but if we are to 'attain' the same standard of living as now exists in the Soviet Union, we are going to have to work at it. Step number one, of course, is to inject even more socialism into our system, tax more businesses out of business, and put the bureaucrats in control of everything."

xxx

SIKESTON, MO., STANDARD: "It's incredible. The butchers claim they're not making any money. The wholesalers claim they are not making any money. The meat packers say they are not making any money. The ranchers also say they are not making any money. So who's making the money? Sometimes we get the uneasy feeling that somewhere there are cows buying mutual funds and gold stocks!"

xxx

CHICAGO, ILL., SOUTHWEST NEWS-HERALD: "Some people place a lot of stock in statistics, but we feel that statistics don't always tell the truth because it's so simple to juggle figures. For example, one could point to today's longer life expectancy and offer it as proof that the automobile is safer than the horse."

xxx

BELTON, TEXAS, JOURNAL AND BELL COUNTY DEMOCRAT: "States-righters, of which I am one, have always said we should not rely on Washington to solve all our problems. At present I'm willing to compromise with the strong central government advocates, if they will agree to let Washington create fewer problems than they solve, if any."

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

TO LEAVE FIREWOOD OUTSIDE

Fireplaces may be getting more use this winter due to the fuel conditions; however, insects are likely to hitch a ride into the house when it is brought in several days in advance. Insects may hibernate in the wood pile when cold weather arrives. When these pests are brought into the warm house on wood that is not burned immediately, they become active and the house may need an insect eradication treatment. Fortunately these insects and beetles will not reinfest wood or lumer in the house but they are a nuisance. Don't store firewood in the house or in any other heated room.

TO ELIMINATE RODENTS

During our visits on a number of farms in recent weeks, we notice evidence of considerable rat infestation. As the weather gets colder these rodents will come to the buildings and cause more trouble. Every property owner should try to kill every rat and prevent their reproduction. A clean-up program is the place to start and then repair concrete floors, walks, walls, and foundations. Rats are filthy, destroy large amounts of feed and food, and should not be allowed to stay under any conditions. Poison bait stations can be set up to help keep down the population.

TO EVALUATE FARM RECORDS

The year is drawing to a close and figures will reveal the success or failure of various farm enterprises. In addition to giving the cash values the records should be used to plan for the future. During the winter months good farm managers will spend time studying their records and planning what should be done in the future. "Pencil-pushing" is needed to utilize farm records as a tool to guide expansion or reduction activities.

TO PROVIDE OUTSIDE EXERCISE

Nearly all species of farm animals prefer daily outside exercise, if given the chance. In most cases this is advisable for the health of the animals. Dairy cows, beef cows and steers, sheep, breeding swine, and horses all should be given outside exercise. In the case of young stock an open-sided building with an exercise lot is strongly suggested. Sheep need the exercise in order to produce a good lamb crop. Most animals prefer the outdoors to confinement when given the chance.

Editor's Quote Book

"A thing is not necessarily true because a man dies for it."

—Oscar Wilde

THE BIBLE SPEAKS

Internat onal Un form Sunday School Lessons

BY LAWRENCE W. ALTHOUSE

ON TELLING AND SHOWING

Lesson for December 9, 1973

Background Scripture: John 1 29-51, 10 22-39

"If you are the Christ," said the crowd to Jesus, "tell us plainly" (John 10.24). Has it ever occurred to you in reading the gospels how frequently Jesus seemed to resist all attempts to make him define himself by the use of the popular title of Messiah (Christ)?

Rev. Althouse

Although he didn't absolutely reject the titles that men gave him, neither did he seem anxious to claim them. In fact, there were numerous occasions when he steadfastly refused to discuss the matter. He seemed to have a definite aversion to telling people "plainly" who or what he was

The problem with names

One reason for his reticence was that certain religious factions had different expectations concerning these titles. For many, the designation Messiah meant a political or military leader sent by God to restore the Hebrew nation. Although Jesus seemed to see himself as the fulfillment of the messianic expectation, he obviously had no intention of assuming either policical or military leadership. He believed he was annointed (what Messiah means) by God, but his understanding of his role and purpose was considerably different than what many people expected He was therefore hesitant to use a title that conveyed the wrong expectations to people

Another reason for his avoidance of titles was that he did not want to be bogged down in theological dispute. A good example of how this could happen is found in John 10 where we find him referring to God as "My Father . . . " (10:29). Immediately, his critics pounce on his words, saying: "We stone you . . . for blasphemy; because you, being a man, make yourself God" (10:33). It is the word "Father" and the implication that Jesus is his "son" that is at the heart of their contention with him. Jesus attempts to show them in the scriptures that his use of the term is not blasphemy, but they are too immersed in their theology and doctrine to see his point.

Let me show you

Usually we find that Jesus refused to "tell" people who he was Instead, he preferred to "show" them. For example, in response to their challenge to "tell us plainly," he says: "The works that I do in my Father's name, they bear witness to me" (10:25). Later, when they attack him, he says: "I have shown you many good works from the Father; for which of these do you stone me?" (10.32).

Jesus preferred not to get involved in theological and doctrinal dispute, but instead wished to let his works speak for themselves. So, once again, Jesus is emphasizing the fruits of his ministry instead of doctrinal words: "If I am not doing the works of my Father, then do not believe me, believe the works, that you may know and understand that the Father is in me and I am in the "Father" (10.38).

Like Jesus, we would probably be more effective in our discipleship if we did less telling and more showing.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A Released by Community Press Service)

PSU Researcher Finds Minimal Effects from Power Plant Discharge

Dumping hot water from electric power plants into rivers and lakes is not necessarily an obvious case of harmful thermal pollution, a Penn State biologist has determined.

Dr. Dean Arnold, assistant professor of biology, studied the effects of waste heat from five electric power plants on Great Lakes waters bordering the state of Michigan and couldn't find any gross effects directly attributable to the heat.

A serious environmentalist, Arnold admits that the results of his study were "not what we expected. However, though we didn't find any, there may be undesirable effects from these discharges,--more subtle than we originally thought."

In the study, water sampling was carried out at each plant in the intake and discharge areas as well as at one or two locations far enough away to be relatively unaffected. The researchers measured temperature, dissolved oxygen, plant growth, alkalinity, chlorophyll content, and various other factors related to the health and well-being of living organisms. The differences in temperature between intake and discharge areas ranged from 2.8 degrees to almost ten degrees and the highest water temperature recorded in a discharge area was 85.6 degrees.

Arnold reports, "In general, there was little variation in conditions between open lake stations far from shore and reference stations near the power plants, except for temperature."

However, he cautions, "the absence of readily identifiable short-term effects does not mean that more subtle, long-term effects do not exist which will later become obvious or serious"

The data do show, according to Arnold, that "the location and design of intakes and discharges at power plants appear to be more important in controlling ecosystem damage than do temperature levels--at least on Great Lakes shores."

The five power plants (one nuclear, the rest coal-fired)dispose of their waste heat by circulating lake water through a cooking condenser to carry unused heat out of the plant. In the process, fish and smaller plants and animals are sucked through the condenser and eventually are redeposited in the lake. Except for fish trapped on screens at the intake pipe, Arnold says the trip leaves most of the plants and animals none the worse for wear. Although, he adds, "in most cases, microscopic animals suffered significant but not great mortality and the growth of microscopic plant populations was slightly inhibited." A more detailed study of the effects on the fish was not completed,

Despite the fact that he found none of the electric power plants doing any obvious damage, Arnold doesn't believe that we can all relax. Research, he says, should continue to see if any cumulative effects result from several plants on the same body of water. He notes: "Such effects may well be much worse than the effects of a single plant and, of course, other wastes such as radioacive materials were not covered by this study."

Arnold's study, sponsored by the Atomic Energy Commission, was conducted from May 1971 to December 1972 while he was a member of the Great Lakes Research Division of the University of Michigan. He joined the Penn State faculty this year and also serves as Assistant Unit Leader of the Pennsylvania Cooperative Fishery Unit, U. S Bureau of Sport Fisheries and Wildlife.

A native of Elmira, New York, Arnold received the bachelor's degree from the University of Rochester and the M S. in fishery biology and the Ph.D in aquatic ecology from Cornell University His current research interests include lake restoration and aquatic productivity

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More than 25 states have Peer Review programs for nursing home care, according to the American Nursing Home Association Peer Review Committees, consisting of nursing home professionals, assist in improving the quality of care through systematic review of the facility in accordance with the category of care it provides.

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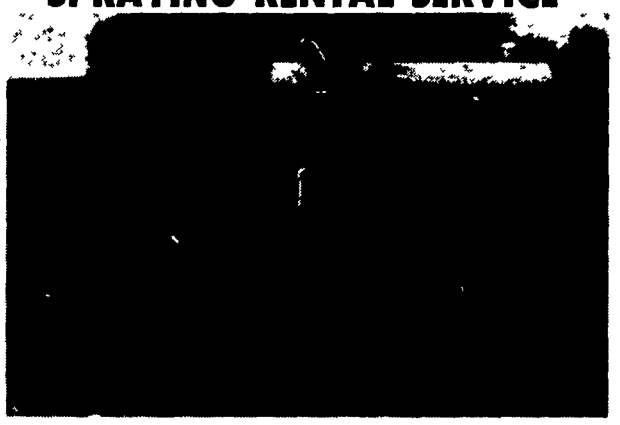

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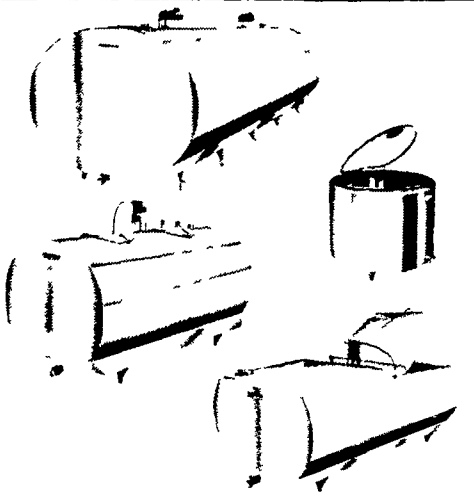

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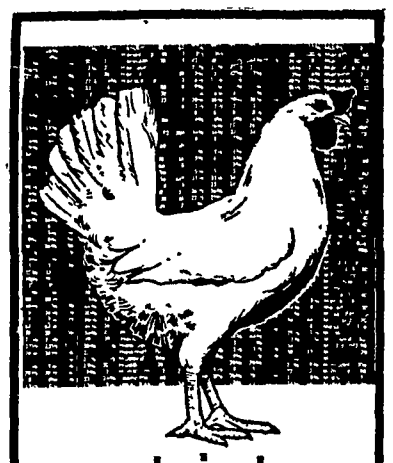

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ED ESHLEMAN'S WASHINGTON REPORT

The question often being asked these days about the energy crisis is -- why now? Many people, understandably so, are puzzled as to why we are facing present shortages when energy never seemed to be a problem before.

There is no one answer to the question. But there are a series of things that add up to at least a partial explanation of what went wrong.

In this column I would like to list a few possible reasons for the energy emergency we now face.

(1) The cut-off of crude oil from Arab nations. Arab oil accounted for at least 6 percent of our total crude supply.

(2) Although predictions ten years ago showed that we would face an energy crunch by the mid-70s, those predictions were pretty much ignored. Not only that, but the predictions failed to gauge the extent of our actual energy usage, and we ended up using far more fuel than the experts thought possible.

(3) Predicted shortages included the building of facilities that never got built. In other words, we would have run short even with things like the Alaskan pipeline, but without those things the crisis hit harder and came earlier.

(4) We lack enough oil refineries to produce the finished petroleum products we require in the quantities we need. Refineries scheduled to be in operation by now are not even underway. Therefore, even if we got plenty of crude oil, we would not be able to process enough of it to prevent some short supplies from occurring.

(5) Environmental concerns made plants like power generating stations convert from coal to fuel oil. This put a drain of millions of barrels of oil daily on petroleum supplies.

(6) The switch from coal-to oil meant that vital coal mining operations were shut down which now will take several months to get going again as the switch back to coal takes place.

(7) Nuclear power plant construction has not proceeded at the predicted pace to provide additional electrical energy sources. While there is cause for certain safety concerns about these plants when large numbers of them begin to get concentrated in one area, the fact remains that this is the great potential energy source for the immediate future. Other sources of new power like solar energy are in only the experimental stage, and are long-term rather than short-term solutions for the future.

(8) Cutting the oil depletion allowance meant a curtailment of exploration for new oil fields. This, in turn, meant that oil companies began to look to foreign supplies to meet a growing demand.

(9) Other nations of the world are now in a position to compete with us economically for basic needs like energy and food. This has meant that our supplies of those basic needs are available at only increased prices. With our wage and price control program, American businessmen were not in a position to pay the higher costs, and the result has added up to shortages.

Nursing homes are the leading inpatient health facilities in the United States according to the American Nursing Home Association. In 1972 there were 1,142,000 nursing home beds, compared to 1,007,000 general hospital beds.

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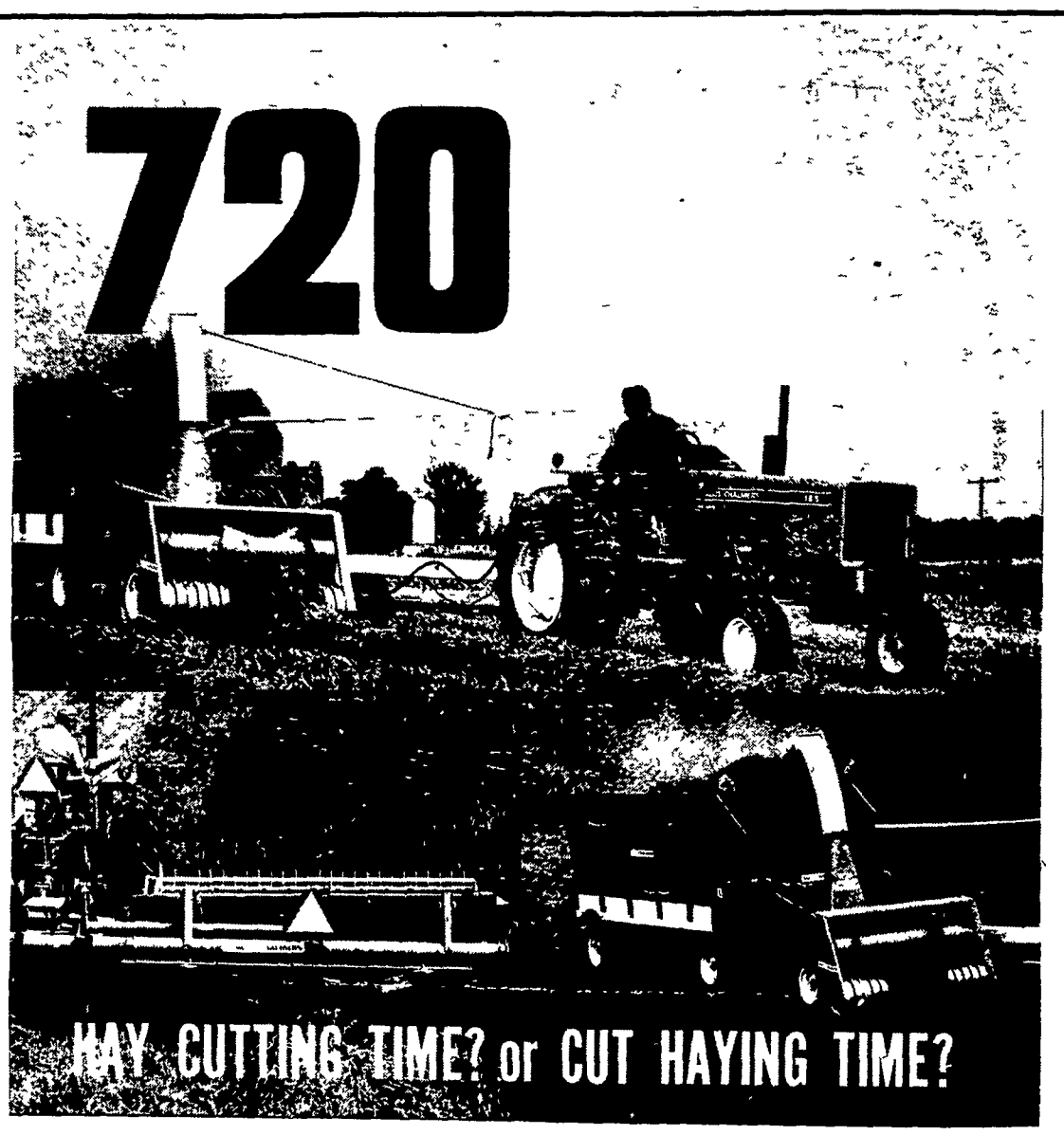

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Memorial Scholarship Honors D. E. Walker

The Darrell E. Walker Memorial Scholarship Fund has been established at The Pennsylvania State University. The fund honors the memory of the late Dr. Walker who was head of the Department of Horticulture at Penn State at the time of his death on July 7, 1973.

Scholarships from the fund will be awarded to full-time undergraduate students majoring in horticulture, announces Robert F. Fletcher, chairman of the fund committee. Scholarships will be awarded on the basis of academic excellence, financial need, and professional promise.

Contributions to the fund will be administered by the Penn State Foundation, Fletcher points out. Checks should be made payable to The Pennsylvania State University, designated for the Darrell E. Walker Memorial Scholarship Fund. Mail to the Penn State Foundation, 100 Old Main, University Park, Pa. 16802.

Dr. Walker came to Penn State in 1954 as assistant professor dealing largely with ornamental plants breeding. He was promoted to associate professor of plant breeding in 1960 and became professor and head of the department in 1963.

He was a Fellow of the American Association for the Advancement of Science, a member of the American Society for Horticultural Science, the American Institute of Biological Sciences, the American Horticultural Society, and various horticultural associations in Pennsylvania.

His honors included an award for horticultural achievement from All-America Selections for the introduction of "Nittany Lion," a red geranium breeding true from seed. In 1965 the Horticultural Show at Penn State was dedicated to Dr. Walker.

The new greenhands installed in the Octorara FFA are: row one, left to right, John McCarter and Kevin King; row two, left to right, Jeff Dehart, Cliff Blank, Gary Baker and George Laffey.

Octorara FFA'ers Initiate Greenhands

The Octorara Future Farmers of America have added six new greenhand members. Initiated into the first degree of membership were: Jeff Dehart, Cliff Blank, Gary Baker, George Laffey, John McCarter, and Kevin King.

The greenhands have taken the first step in advancement in the Future Farmers of America. Through continued hard work, they may move forward to earn the chapter degree pin, the Keystone Degree charm, or the coveted American Farmer key.

The ceremony was conducted by the Octorara Future Farmers of America Chapter officers. The officers are Don Windle, president; Dennis Yoder, vice-president; Sue Mullin, secretary; Burce Yoder, treasurer; Sharon Henley, reporter; Mike Laffey, sentinel; and Bill Nunn, student advisor.

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American Viewpoints

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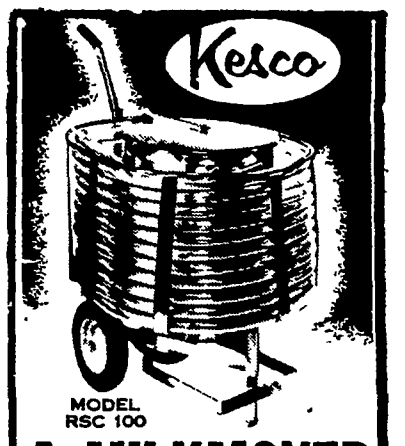

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Tomatoes - Gains in the West, Losses in East

Never underestimate the power of a tomato.

Not only has it been the best-selling of all processed fruits and vegetables over the years, but it's becoming more so, riding on the crest of demand for quick foods that make abundant use of such items as catsup, tomato sauce, or paste.

Since the late 1940's, growers have had to more than double production to meet the demand for processing tomatoes. Imports of processed tomatoes are way up, particularly from Italy, Spain, and Portugal. And a switch to more concentrated tomato products has played a big role in California's taking over as the Nation's No. 1 producer and processor of canned tomato products.

The average American now consumes about 20 pounds of processed tomatoes a year in such forms as juice, canned tomatoes, paste, puree, and sauce. He eats, by contrast, 12 pounds of fresh tomatoes.

Close to four-fifths of the processed crop comes from California. Of the other two major processing centers, the Midwest accounts for 14 percent of the processed crop, and the East, 6 percent.

Just about all of California's rapid growth in the past 20 years has come at the expense of the East. From 1948-50 to 1970-72, the East had a 42-percent drop in harvested tonnage. California's production went up four times to more than 4 million tons. Midwest tonnage climed 50 percent.

Climate control. California owes much of its success to a climate that's paved the way for mechanical harvesting. Because of the dryness in producing areas, crops are irrigated and soil conditions can usually be controlled to just about optimal levels for harvesting As a result, high-yielding varieties that respond to once-over mechanical harvesting have been developed that take full advantage of these conditions.

California thus has substantially higher yields and lower production costs than other parts of the country. And with lower raw product costs for tomato canners, the processing industry has flourished.

Today, just about all of California's tomatoes grown for processing are under irrigation and mechanically harvested. The Midwest and the East, on the other hand, are more dependent on hand harvesting due to wet field conditions. Last year, about 30 percent of the Midwest's crop was machine harvested, and the relatively few mechanical harvesters in the East were frequently slowed or delayed by wet fields.

To each his own. Each of these three major processing regions has its specialties.

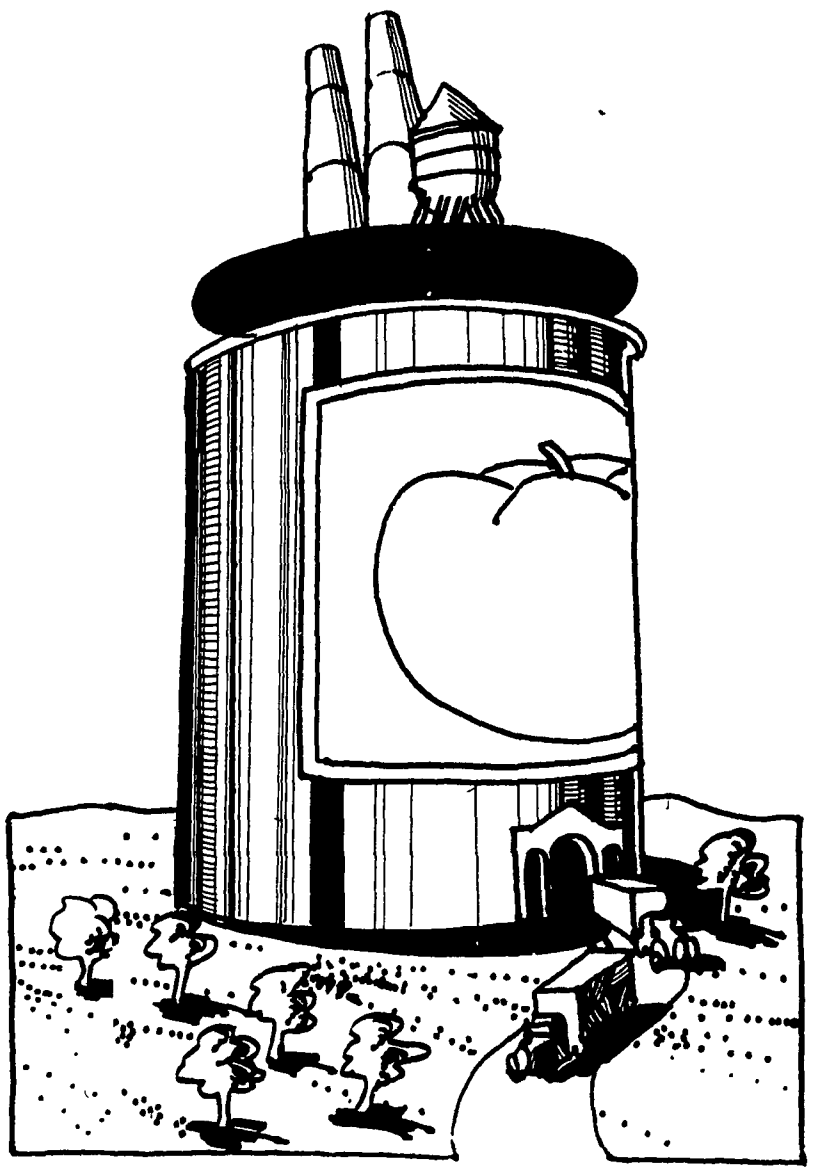
California is in a better position to produce high-concentrated tomato products because of its advantage in lower raw product costs. Nearly 60 percent of its processing crop goes into such products as sauce, puree, and paste, which take up to 5½ pounds of farm weight to make a pound of finished product.

Well over 90 percent of the Nation's tomato paste and tomato sauce comes from California.

Concentrate on low-concentrates. The East and Midwest put close to half their production in low-concentrated tomato juice and canned tomatoes. These products take about 1.5 pounds of farm weight tomatoes to make a pound of finished product. High-concentrated products account for less than 10 percent of their production.

In the East, most of the plants

(Continued On Page 15)



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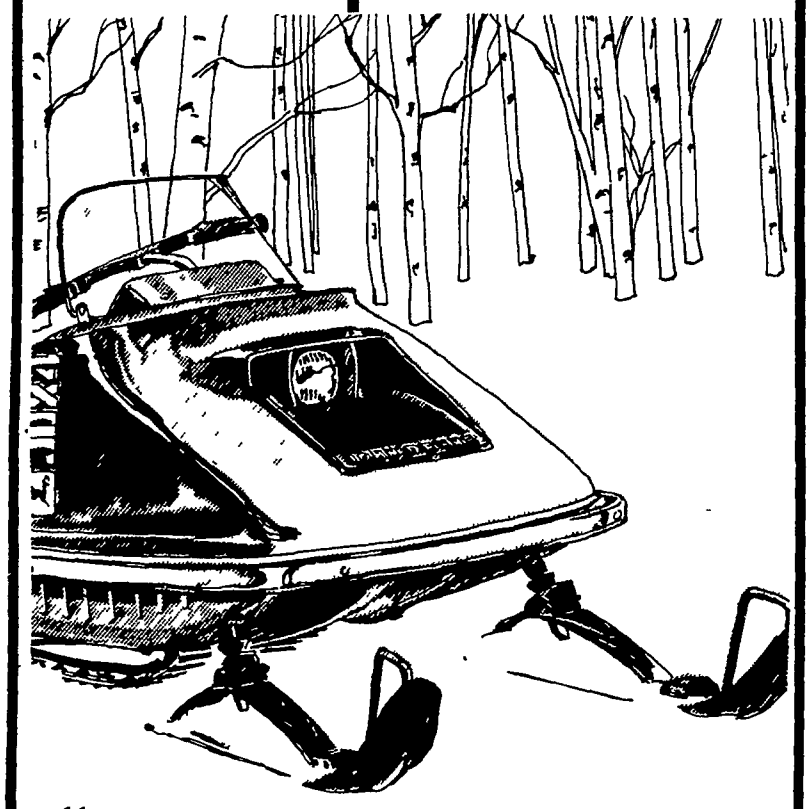

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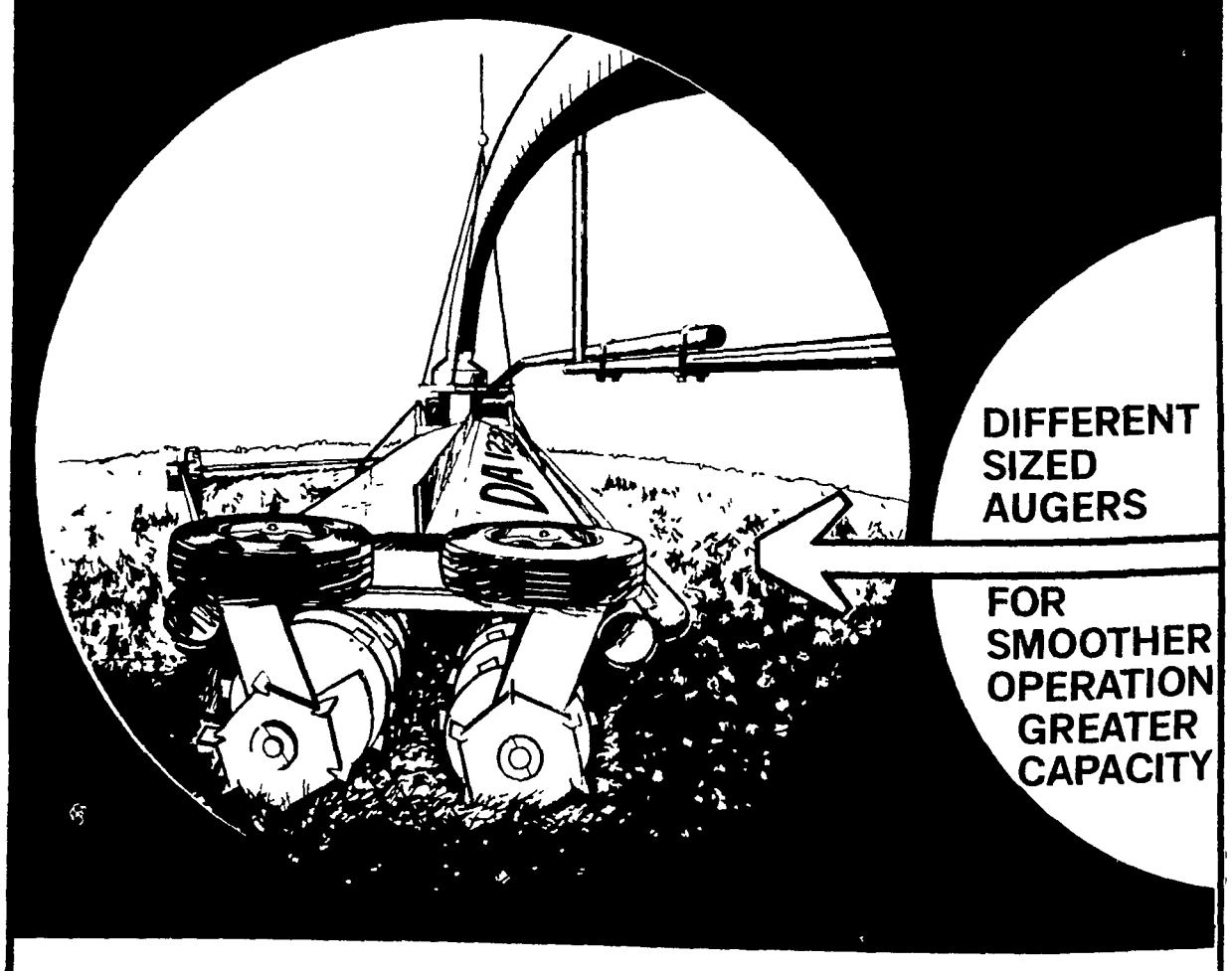

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Tomatoes - Gains for the West, Losses in the East

(Continued From Page 14)

are involved in canning whole tomatoes. Very few produce tomato paste. Plants in the Midwest tend to pack whole tomatoes and juice in combination.

California canners primarily put out a whole line, with emphasis on whole tomatoes and highly concentrated products. Nearly 75 percent of California's plants pack four or more distinct products, in sharp contrast to the East where only 6 percent packed more than three tomato products and the Midwest where 15 percent packed more than three products. More than half of California's tomato canneries also can fruits and berries, with tomatoes and peaches a particularly common combination.

Planning for canning. Nearly all canning tomatoes are grown under contract with processors. In general, these contracts set acreage, varieties, damaged fruit tolerances, and price per ton. There is little incentive for canners to go into production, due to the fact that investment costs are high and the fact that canners are able to acquire an adequate supply of good quality tomatoes through contracting.

Contracting for the new crop usually begins shortly after the old crop has been packed.

In California formal contracts are not often signed this early. Canners attempt only to line up required tonnage for the coming year through verbal gentlemen's agreements regarding acreage and varieties.

Later, sometime from November to February, one of the major canners and recognized price leader will announce a contract price and begin signing formal contracts with growers at this contract price.

This signals the onset of extensive contracting activity by all canners. In most years, all contracts are signed at the announced price of the canner acting in the role of price leader.

These contracts usually specify the variety and strain and sometimes require that seeds and plants be purchased from the canner. Canners exercise little supervision over growing practices, other than close supervision of planting and harvesting dates to promote plant scheduling.

In the years ahead, the general trend looks like California will continue to increase its share of the tomato processing industry.

But certain changes could upset this trend: For one, Federal and State pollution controls could be imposed that would alter plant cost structures and locational advantages. Tomato canning generates large amounts of both solid and liquid wastes. Then, too, bulk holding and transportation technology, or changes in freight differentials between bulk and canned products could lead to a situation where existing plants in the East and Midwest would become the final fabricators of raw products grown and partially processed in California. To some extent, California processors are already shipping partially processed tomatoes to Eastern plants for final processing.

As far as Americans of colonial times could see, the best cure for eye diseases was the plant called eye-bright.

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Repeated success and the obvious advantages of raising turkeys in confinement have rapidly increased the number of confinement turkey grow-out houses in recent years. The advantages and benefits are many. Confinement production with environmental control offers the turkey grower better control over his flock, with less labor.

Here are some of the reasons:

1 Confinement systems permit automatic feeding and watering, reducing labor and feed waste.

2 Birds kept inside through the entire grow-out period are protected from adverse weather, predators and contamination by wild birds.

3 Totally enclosed buildings prevent the loss of feed to winds, wild birds and animals.

4 The grower has better control over diseases because they can be discovered easier and earlier, and because more thorough medication is possible.

5 Stress is reduced, and in many cases eliminated, because the temperature can be controlled by scientifically engineered ventilating equipment.

6 Mortality and downgrading are reduced, providing more pounds of marketable meat per bird started.

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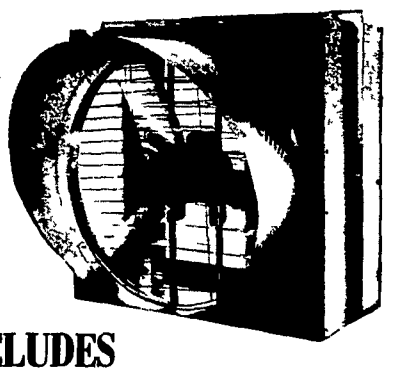

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PennAg Introduces CARS

PennAg Industries Association recently announced a new Computerized Accounts Receivable System - (CARS). The service is now available on a subscription basis to the association's state-wide membership of agribusiness firms which buy from and sell to farmers.

According to Ned L. Clark, Shamokin, PennAg president-elect, CARS has been set up in cooperation with the Pennsylvania and Atlantic Seaboard Hardware Association (PASHA), which has a computer located in Harrisburg on a time-sharing basis.

"CARS will make available to our small and middle-sized members an important management tool. Tight money and greatly increased working capital demands makes an up-to-date accounts receivable system imperative," Clark said. "Accounts receivable are the biggest problem plaguing members and this seemed to be the most logical first area to apply computer technology."

Members will send invoices to the computer center in batches and receive ready-to-mail customer statements each month at a very reasonable cost. Other management tools such as an aged trial balance will also be received as part of the system.

All records will be confidential and protected in PASHA's fire-resistant vault.

Depending on membership response, PennAg may expand its service to other computer programs.

Equipment Makers Agree to Push for Efficient Fuel Use

Representatives of farm equipment manufacturers last week pledged their support for an educational campaign to help conserve fuel used in farm machinery.

The industry spokesmen met with Nicholas H. Smith, the director of the U. S. Department of Agriculture's Energy Crisis Activities, to outline ways the industry could contribute to efforts to help conserve the nation's energy resources.

"Farmers will be given priority, though they will have to curtail their use of fuel," Mr. Smith said. He added that Secretary Butz has directed all agencies of the Department to give top priority to energy matters and to support President Nixon's determination to insure adequate supplies of fuel for the nation's agricultural needs.

The purpose of the education program will be to:

— Make sure tractors are in good condition and properly tuned.

— Make full use of wheel weights to reduce slippage when pulling heavy loads, removing the weights when doing lighter work.

— Match machinery and tractor size carefully to obtain full efficiency.

— When pulling lighter loads, shift up to a higher gear and throttle back, maintaining the same ground speed and saving up to 25 percent in fuel consumption per acres.

— Adjust diesel fuel pumps so that excessive black smoke does not pour out of the stack. Black smoke means inefficiency and wasted fuel.

— Store fuel in a protected or shaded area. This reduces loss through volatilization, a common fuel loss that most farmers do not consider.

The farm equipment industry spokesmen vowed to work on their own and with USDA in every possible way to aid farmers in saving energy in their farming operations.

Apple Recipes Available

You can warm up for the coming holiday season by treating your friends and family to taste treats from apple cooking champions in four county contests held throughout central and western Maryland during October and early November.

Commemorating October as National Apple Month, the contests were held in Washington, Baltimore, Frederick and Allegany Counties. Tentative plans call for county winners to compete in a statewide apple cook-off event next year, according to Virginia L. McLuckie, Extension home economics food economist at Baltimore for the University of Maryland.

All recipes entered in the Washington County contest have been published in a booklet, Miss McLuckie reported. Single copies are available in limited quantity from the county Extension office at Hagerstown.

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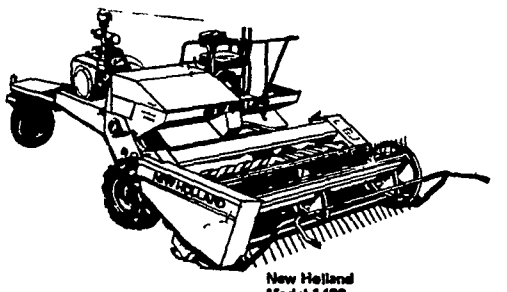

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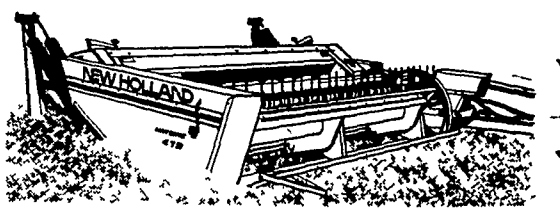

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Free-Stall Pros and Cons

by
Dieter Krieg

(Editor's Note: Dieter Krieg, a Penn State dairy science graduate, has drawn on his experience with both stanchion and free stall systems to write this article. Krieg is presently managing a dairy herd for Carl Troop, a Quarryville veterinarian.)

Switching from a conventional to a free-stall barn can be a financially disasterous move. Most dairymen who have made the change were disappointed at first, at least until they and their cows could adjust to the new system.

There are a number of things to keep in mind if a free-stall, milking parlor operation is in your future. Careful planning will lessen your chances of dissatisfaction.

Adequate feeding and watering facilities are of prime importance. Build feed bunks and hay feeders to take the punishment of cows that are running and shoving freely. Whether feed prices are high or low, feeding facilities should be constructed to to minimize waste of roughages and concentrates. Many loose housing set-ups ignore these simple considerations.

Because free-stall barns are cold, water bowls should either be heated in the winter or placed where freezing is least likely.

Concentrates are normally fed in the milking parlor, and here again, some problems do arise. Among the disadvantages found in parlor feeders are: occasional inaccurate measuring; insufficient time for high producing cows to consume their feed; breakdowns due to moisture and corrosion; if the mechanism breaks, the cow in that stall cannot be fed; and sour feed if the feeders are not cleaned regularly and thoroughly. A pelleted feed is generally the only kind which will work satisfactorily in mechanical feeders.

A frequent problem with converting to free stalls is training the cows to come into the milking parlor. This is always a time when the milker has his patience and temper put on trial, but fortunately is usually only temporary. Most farmers put their springers, particularly expectant first calf heifers, with the milking string to get them accustomed to the new surroundings. Generally speaking, the conventional barn is much cleaner and more conducive to good "housekeeping" practices than is its counterpart. The sloppy and splattered conditions so often found in loose housing systems are a major contributing factor to cases of septicemia, especially in newborn calves. Too, cows can slip on wet concrete and injure themselves. Slipping becomes especially dangerous in freezing weather, and few herds escape losses from broken legs and fractured pelvises. This hazard can be minimized by avoiding overcrowded conditions, particularly in feeding areas, and insulating the walls and ceiling.

It is absolutely essential that box stalls and a holding area for breeding and veterinary work be included in plans for a free-stall barn. As in any housing system, box stalls are needed for calving, treating injured or sick animals, or for providing some special care for an aged, high producing cow. The maternity, hospital, and breeding facilities should be equipped with feed troughs, water bowls, and a vacuum line for milking. Again, this may seem obvious, but such considerations have been ignored from time to time. Some thought should also be given to as to where and how the animals will be tested for tuberculosis and brucellosis.

Proper care of calves and heifers is as important as milking the cows. Unfortunately, much of the young stock, which is to provide milk in a year or two, is improperly cared for. Anyone considering construction of a new dairy barn should immediately ask himself: "Where am I going to keep my calves and heifers?" The dairyman who is planning on having his own replacements, but does not house and feed them properly, stands to lose more than he will raise.

The farmer accustomed to providing for his cows on an individual basis, will find that such management procedures are curtailed considerably when his herd moves to loose housing. This inflexibility is especially true if a milking parlor is included in the new surroundings. Cows in the free-stall barns have to fit the system. Stall barn management can be tailored to meet the needs of almost any cow.

Since free-stall barns are usually built without ceilings, ventilation requirements differ somewhat from conventional set-ups. While the movement of air is always important, it is imperative that drafts be avoided.

Automation is one reason farmers often turn to new loose housing. This is fine, but to be realistic about these time and labor saving devices, one must

(Continued On Page 18)

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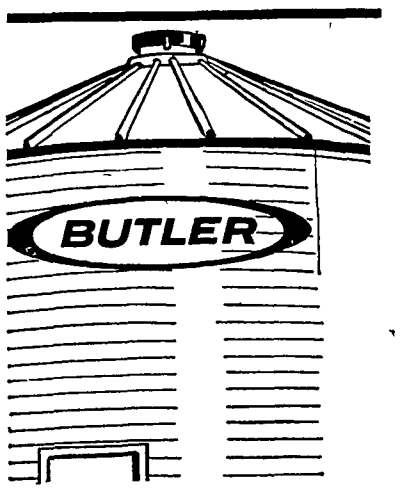

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USDA Study to Probe Energy From Manure

Two current environmental problems--need for more energy generation and to return used resources back to environment in usable forms--will be studied at Tennessee State University, Nashville.

A $59,610 grant awarded by the U. S. Department of Agriculture's (USDA) Cooperative State Research Service, will allow a year's study of a complete disposal-recycle scheme for agricultural solid wastes.

Animal manure and farm crop clippings will be decomposed in "anaerobic digesters"--air tight tanks--in varying mixtures, to determine the best mix for decompositon and methane gas production. Resulting gas could be used in place of natural gas or gasoline, researchers say. Sludge produced could be used for fertilizer.

Scientists expect the study to give information on amounts of useful fuel and amounts and kinds of sludge produced. Adapting a "bio-gas" process used in India, the anaerobic conversion of manure to methane may show whether small farmers might practically use the process to recycle used resources or augment conventional energy sources.

Project leaders for the study are Dr. Lilia Ann Abron, assistant professor of civil engineering, and Dr. Roland Norman, professor of animal science. Experimental analyses will be performed in the water and waste-water laboratories at Tennessee State University and Vanderbilt University. The Environmental Protection Agency is cooperating in the study.

Free Stall

(Continued From Page 17)

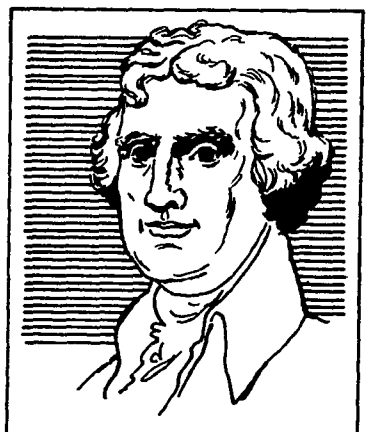
realize that they will fail from time to time, regardless of what the salesman may have said and who may have manufactured it. A good dairy operation must run smoothly at all times, so it's important to think about back-up methods. Feeding silage, for example. The same holds true for washing, milking and in some cases, scraping the barn. Here again, the operator of this new system is not nearly as flexible as his neighbor in the "old" stanchion barn. It is a good idea to have a standby generator on any farm, especially those which are highly mechanized.

Every free-stall barn which has a milking parlor adjoining it must have a few gates strategically placed so that cows can be crowded into one holding area at milking time. These gates should not interfere with scraping operations when cleaning the barn by tractor and blade. If it is impossible to design the barn so that gates will swing out of the way completely, perhaps they could be suspended overhead.

There are numerous safety precautions to keep in mind. The hazards of slipping have already been mentioned. Attention should be given to the location of electrical switches, motors, machines, augers, and so forth. All switches should be placed so that no animal can possibly make contact with it. Preventing injuries to livestock and damage to equipment is something which is overlooked on many blueprints for free-stall barns. Mechanized feeding facilities should also be protected from bad weather. Too, with a herd of loose cows confined indoors, it may be necessary to keep your barn lit at night.

Free-stall barns and milking parlors aquired their place in the dairy business because of their efficiency, which is especially important to commercial operators. They are here to stay. Conventional dairy operations are known for their flexibility and the resulting individual management possibilities - an important consideration for the breeder. They are by no means a thing of the past. Modernization does not necessarily mean going to free stalls and a milking parlor. It is up to the individual dairyman to decide what he wants and needs.

American Viewpoints



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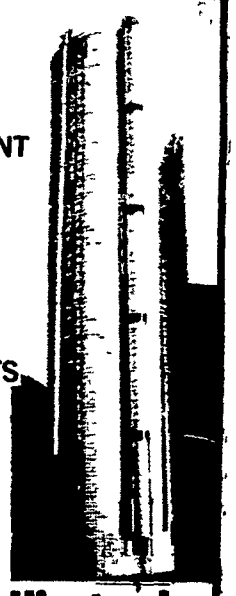

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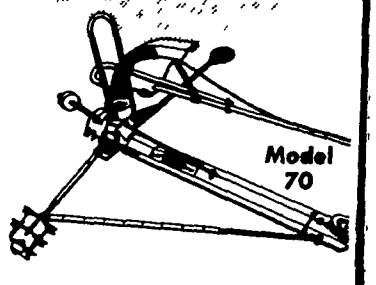

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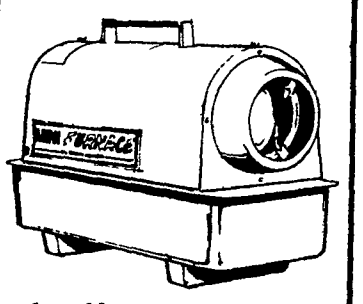

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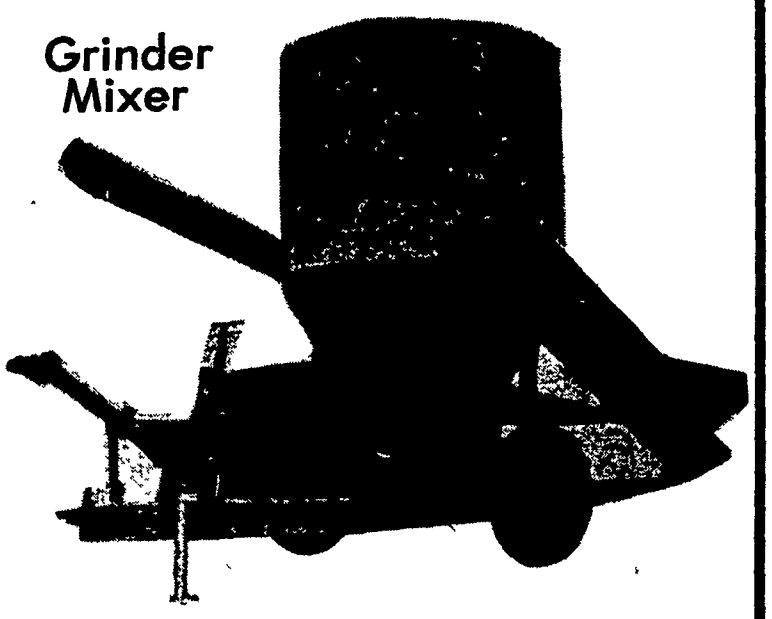

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Farmall 300	$ 1,750.00	$ 1,600.00
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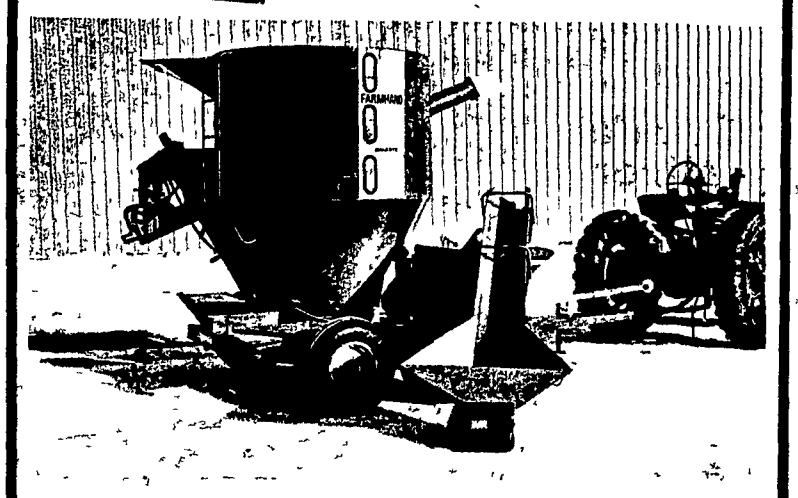

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Leon J. Ressler of Lititz, right, won the College of Agriculture Alumni Scholarship of $500 recently at Penn State. The local youth also received the F. P. Schlatter Memorial Scholarship of $100. Mr. Ressler is a junior majoring in plant science and agronomy. He is congratulated by Dr. Frank Anthony, left, of the Department of Agricultural Education at Penn State. The occasion was a scholarship and awards banquet held by the College of Agriculture.

Vo-Ag Instructors Receive Awards

For outstanding contributions to the Future Farmers of America, three U.S. Vocational Agriculture teachers have won national awards of a trophy and $500 each from the Pfizer Agricultural Division.

The teachers, who are advisers to this year's FFA Dairy, Livestock and Poultry Proficiency Award winners, received the awards here at the 1973 annual meeting of the National Vocational Agricultural Teachers Association.

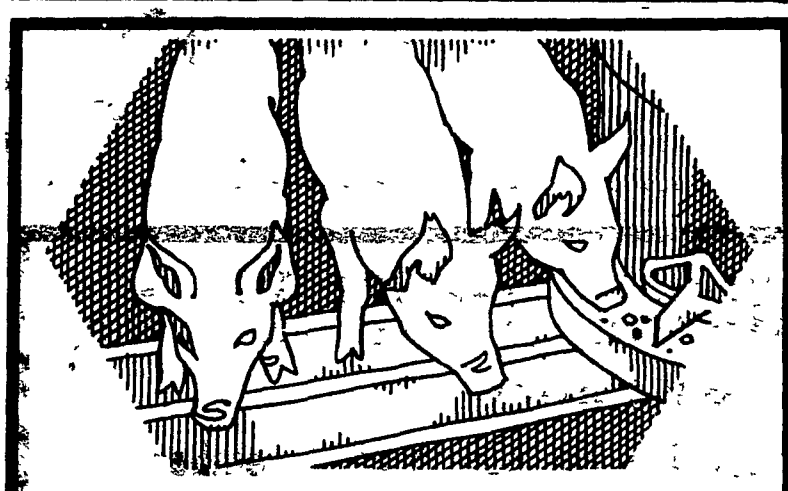
The winners are Clarence Beckman of Emmett High School, Emmett, Idaho; Gilbert M. Butler of Sylvania High School, Sylvania, Ala., and John F. Adams of Middlebury Union High School, Middlebury, Vt.

Pfizer Inc. initiated the annual awards in 1965 to recognize contributions of Vocational Agriculture instructors through their work with the FFA, and to encourage their support of all FFA activities. The program is conducted in cooperation with the NVATA.

Beckman was honored for his work with Mike Kendall, 1973 FFA Livestock Proficiency Award winner. Butler received the award for his work with Anthony Wells, Poultry Proficiency Award winner this year, and Adams was selected for his contributions to the success of Allan Brisson, Dairy Proficiency Award winner for 1973.

xxx

It takes a lot of cheek to uphold a narrow mind.



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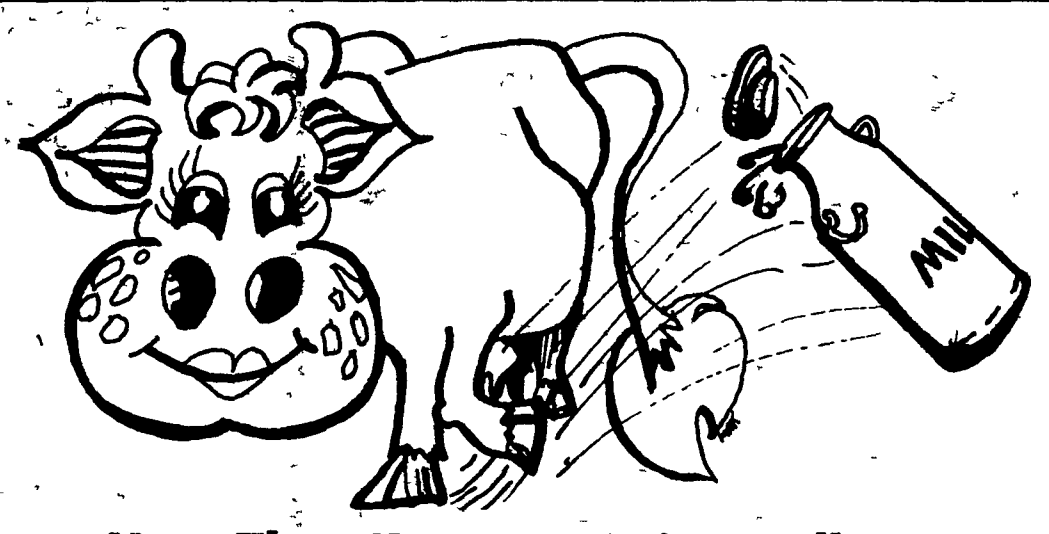

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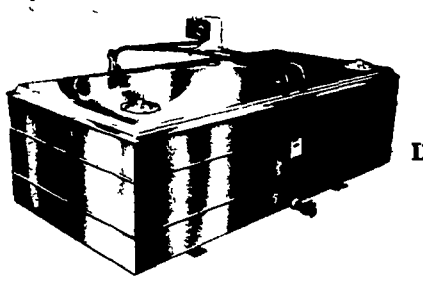

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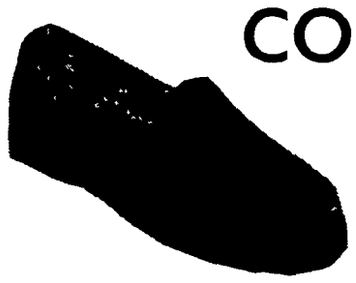

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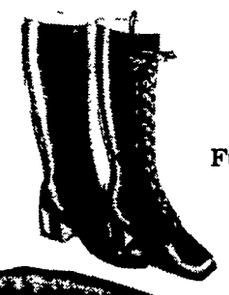

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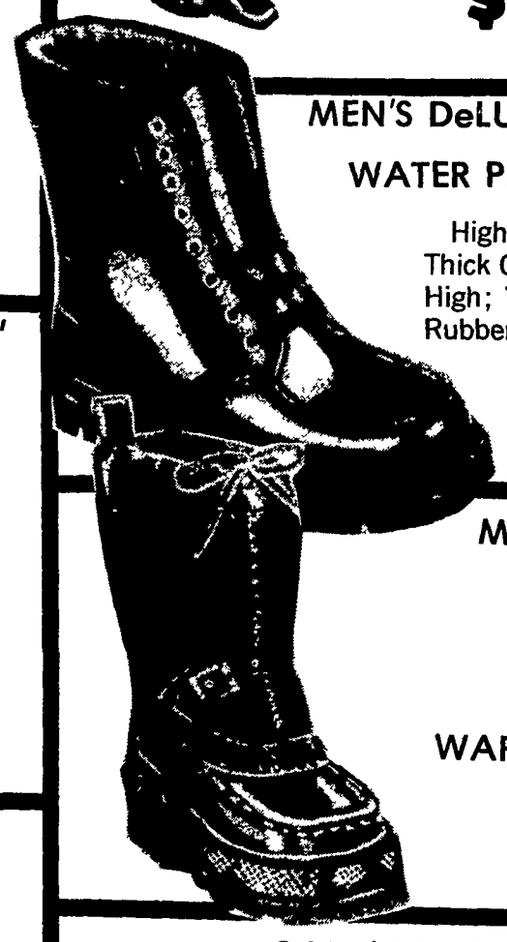

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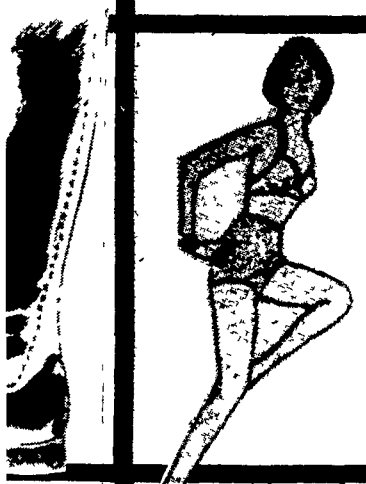

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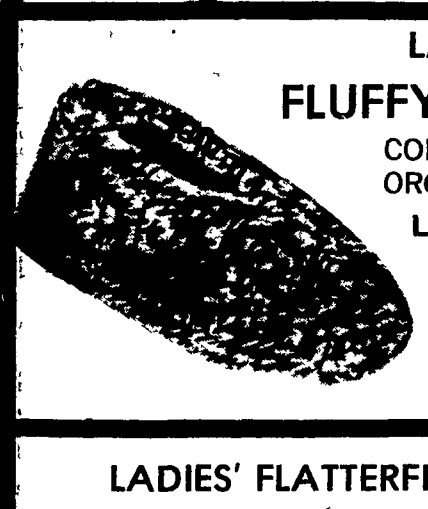

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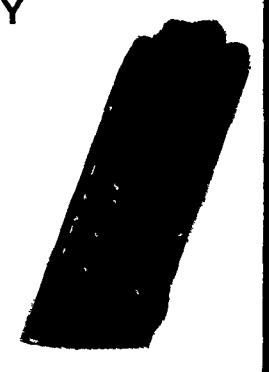

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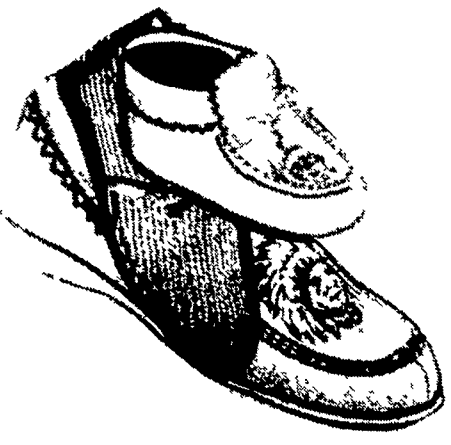

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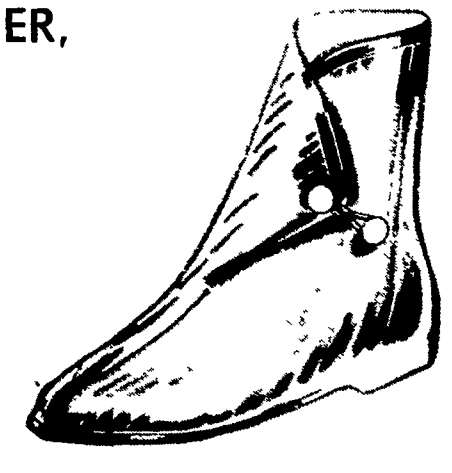


Original Gifts and Decorations You Make at Home

By Sally Bair
Feature Writer

It's not too late to plan a few new decorations to welcome the holidays at your home, or to make some simple gifts to save last-minute shopping trips.

This week we are offering a few unique decorations to make for use in your home or to give as unusual gifts, and two gift items which can be made inexpensively and easily. The ideas came from the homemakers' Christmas program sponsored by the Lebanon County Extension office. Decorations were suggested by their speaker, Mrs. Jesse Myers of York, and the gifts were demonstrated by Mrs. Alletta Shadler, extension home economist and Mrs. Cheryl Reitz, assistant extension home economist.

Creative Gifts

Children of all ages love hand puppets, and your gift will also be adored by Mommy if you give hand puppets which make bath time fun time. All you need are inexpensive hand towels and a little imagination.

From the hand towels, cut two pieces of fabric six inches wide and 12 inches long, cutting an oval shape at one end. Then from a contrasting color, cut a matching oval for the mouth. Before sewing the mouth to the body, zig zag in place an applique tongue and add a "tooth" at the top for interest. Sew the oval mouth into the two pieces of toweling, finishing all the inside seams by zig-zagging to prevent raveling. Then edge stitch around the mouth so that the "lips" will be more prominent. Add ears fashioned from the toweling and sew on button eyes, and you've created a friendly creature to make bath time a pleasure. Just by turning the seams to the top and bottom and adding some fringe, you can have a fish puppet.

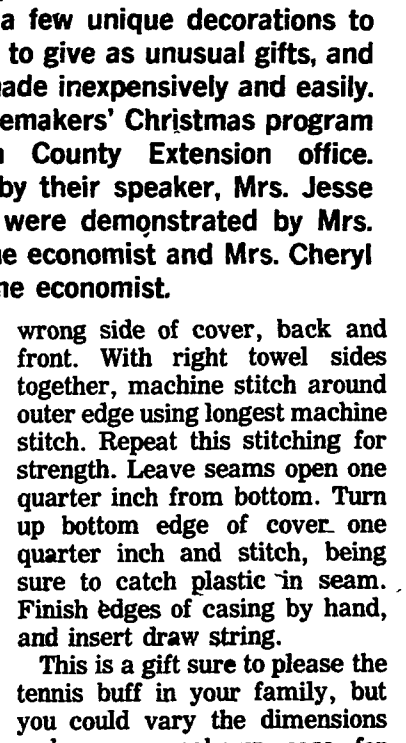
Another gift idea for a difficult person on your list is a tennis racket cover fashioned out of towels. For one cover use two hand towels and for two covers use one bath towel. You'll also need lightweight plastic (garbage bags will do just fine) and three quarter yard of drawstring.

For one cover, cut a 12 inch by 17 inch piece from each of the two handtowels, cutting one end in an oval shape. Cut two pieces of lightweight plastic, one inch shorter than the towel pieces for each cover. Baste plastic to wrong side of cover, back and front. With right towel sides together, machine stitch around outer edge using longest machine stitch. Repeat this stitching for strength. Leave seams open one quarter inch from bottom. Turn up bottom edge of cover one quarter inch and stitch, being sure to catch plastic in seam. Finish edges of casing by hand, and insert draw string.

This is a gift sure to please the tennis buff in your family, but you could vary the dimensions and sew a make-up case for traveling.

Festive Decorations

Have you ever wondered if you could make some of that lovely fruit you see on Christmas decorations? Well you can, and very simply. All you need are some styrofoam balls - you can purchase them in different shapes in craft shops - crepe paper and wax. The variety of fruit you can make ranges from limes, apples, pears and lemons, to grapes and strawberries.



For that youngster on your gift list (and his harried mother) a hand puppet washcloth might mean hours of fun in the bath - and it means an easy inexpensive gift for you.

Mrs. Myers demonstrates just how to hold the balls and wrap the crepe paper to achieve the proper effect.

First pull a small amount of crepe paper - not tissue paper - out of the end of the plastic bag it comes in, and cut through all thicknesses to get a strip of paper about one quarter to three eighths inch wide. Unwrap the strip of paper and hold securely and wrap around the ball once, then turn and wrap in the other direction so that you have four sections. Continue wrapping around the ball, overlapping slightly and being sure to hold the ends with your finger and thumb. After completely wrapping half, turn the ball and wrap the other half. Fasten the paper by inserting a pipe cleaner to the end, creating a stem on your fruit.

Now dip this finished product once into melted parrafin wax which is warm but not hot. Stick the pipe cleaner end in a piece of styrofoam until the fruit dries. This way the wax will mold perfectly and any drips will not be a problem. If you're making apples, insert a clove in the end and make your "apple" authentic.

If you'd like, you can wire several pieces of fruit together to make a bunch, or use them separately on wreaths, with candles or wherever fruit will add a welcome touch of color to your holiday decorating.

If you're looking for something different in the way of a door hanging, why not try a basket of cones? It's easy to make and will certainly be a conversation piece. All you need is some hardware cloth, some fabric for backing, a lot of cones, some ribbon, greens and other decorations.

A candle on a tall stand is made special by adding a few sprigs of greenery and two clusters of "apples."

You need two pieces of hardware cloth - one to be used for the backing, and one which will be bowed to form the basket. The size and shape of these can be varied slightly as you choose. These can be wired together along the sides, and then the flat piece of hardware cloth covered with fabric to prevent your door from being scratched. When wiring the cones on the front of the basket, do the sides first and then fill in the center. Attach a sturdy ribbon for hanging, insert some greens of your choice and if you like you can add some birds, fruit or other decoration. Now you have a door decoration which is uniquely yours.

Mrs. Myers suggested that you can make this decoration in the summer (if you want to wait until next year) and then just add greens at Christmas.

To make your cones their prettiest, she suggests putting them on aluminum foil in a 200 degree oven for 10 to 15 minutes to get rid of the sap.

If you're having an old-fashioned Christmas celebration at your house, here's a beautiful way to use that accordian coat hanger as a decoration that's sure to get rave notices from young and old alike.

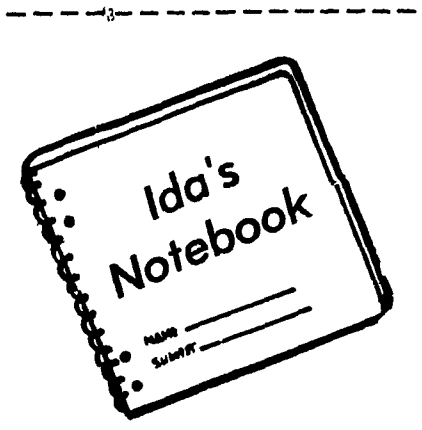
Mrs. Myers started by wiring greens to the back of the hanger to steady it so that it wouldn't

(Continued On Page 23)

Gingerbread boys, calico bows and pine combine to create an unusual decoration for your home - and it puts to use that antique accordian coat hanger you don't know what to do with.

Mrs. Myers shows her cone basket filled with holly and decorated with red birds, ready to greet visitors at her door.

For an unusual gift you can make a tennis racket cover easily and inexpensively from hand towels.



Ida Risser

Most everyone is concerned about the energy crisis. We've been burning coal for 26 years. At first, we had a heatrola in the livingroom and a small stove in the kitchen. Eventually, we installed baseboard heat and stored the big square stove in our summer house. However, the kitchen range has never been taken out of the house. We always felt it was insurance against an emergency.

Just now I shovel and carry about 12 tons of coal a year to our stoker-type furnace. We consider it cheap fuel.

But to get back to that used heatrola, which Allen got many years ago for two bags of potatoes, we decided it was a good time to sell it. We received many phone calls in reply to our advertisement and almost felt bad when we were paid ten times the original price.

xxx

When my husband, two sons and I went hunting for deer the first day of the season, the quiet of the woodland was abruptly shattered by the very loud noise of approcaching aircraft.

Just a moment before, I was using my binoculars to watch a lone doe browsing nearby. It nibbled so daintly on leaves and twigs.

Then a huge helicopter with two large propellers frightened her away. This was followed by another helicopter which came closer to the tree against which I was standing. A few seconds later the third one flew tree-top level, directly over me.

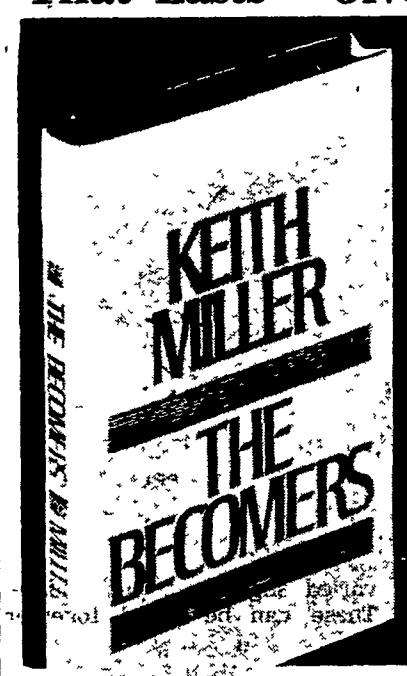
For some reason, "Vietnam" was the first thing that popped into my mind.

xxx

There are always two sides to everything. You might look at our discarded machinery and say it is "junk", or you could give it an elegant name like "depository of spare parts."

Lately we've been loading up some of it and selling it to a junkyard. However, no one except us could ever tell that some had been removed. It just seems to grow.

This Year - Give A Gift
That Lasts - Give A Book



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Ladies, Have You Heard?

By Doris Thomas,
Extension Home Economist

Doris Thomas

Cranberries Are Sassamesh?

Despite her many literary contributions, the late Gertrude Stein is perhaps best remembered for writing "A rose is a rose is a rose. . . " Like Miss Stein's rose, the native American cranberry by any other name is still a cranberry even though some Indians called it "sassamesh."

In the nation's early days, all Indian tribes in cranberry-producing areas had their own words to describe the fruit--but each name reflected the cranberry's naturally acid taste.

"Sassamesh," for example, was the Narragansett Indian word meaning "sharp and cooling fruit." Cape Cod's Pequot tribe called the cranberry "i-bimi" which translated to "bitter fruit." To the Algonquins in Wisconsin, the cranberry was "atoqua," while the word used by the Chippewas was "A'nibibim." Indians of the Columbia River region in the Northwest Territory knew the cranberry as "soolabich."

So, regardless of the differing words, a cranberry "is a cranberry is a cranberry."

Cranberries, either fresh or processed into sauce, or jelly, or cranberry juice cocktail, are high on the list of culinary treats during the Thanksgiving-Christmas holiday season. And they blend so well with many of the dishes traditionally served during this period.

Cranberries or "sassamesh"--either way they're delicious in mouth-watering treats like Cranberry Butter. It's easily prepared from the fresh berries and is excellent atop waffles and pancakes, or as an accent to hot muffins, biscuits, coffee cakes, and toast:

2 cups fresh cranberries
1 cup sugar
1 cup water
¼ cup brown sugar
¼ cup butter or margarine

Simmer washed berries in sugar water until they burst. Continue cooking the cranberries until liquid is well thickened, then stir in brown sugar and butter or margarine. Serve hot or chilled.

Dress Making Made Easy

Need a new dress in a hurry? If you have the need, or urge, for a new dress and time is short, you can make a garment quickly with a quality look by following a few basic principles.

First look for a pattern with few design details and pattern pieces. Raglan or kimono sleeves are faster than set-in sleeves.

Choose a style with facings rather than bindings or fancy collars that may require hand work. Keep hand work to a minimum. Pin baste rather than hand baste, except at intricate points.

Do as much work as you can while the garment is still in its flat stage. For example, put pockets and trim on the front and the zipper and trim on the back joining side trim on the back before sewing side seams.

Find short cuts that will save you time in construction. But, don't sacrifice quality methods. Beautiful fabric will compensate for the simple details of the garment.

Gifts

(Continued From Page 22)

open or close. Then she added three simple ginger-bread boys made out of one quarter inch plywood and measuring about eight inch by 10½ inch.

She used thumbtacks for their eyes, noses and buttons and pipe cleaners for their smiles, and hung them up with rick rack. Next she added bows which were made out of strips of unhemmed calico to several pegs. As a finishing touch she inserted a few greens. She suggested hanging candy canes on the remaining pegs to give to little holiday guests. Just imagine what a treat it would be if the gingerbread boys were actually cookies! What a splendid way to say Merry Christmas!

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Farm Women Societies

Society 1

The Society of Farm Women 1 met at the home of Mrs. Paul Kurtz Saturday afternoon. Twenty-two members were present and answered roll call by giving the name of their favorite Christmas song.

Mrs. Kurtz presented the devotions and Mrs. Daniel Brubaker served as song leader.

During the business meeting conducted by Mrs. Kurtz, president, the women voted to donate $25 to Teen Challenge. Mrs. Kurtz announced that the State convention will be held at Harrisburg Jan 7-8. Delegates from Society 1 attending the convention will be: Mrs. Kurtz, Mrs. Brubaker and Mrs. Howard Swarr. Tickets for the convention banquet may be obtained from Mrs. Kurtz.

It was announced that an all day sewing meeting will be held at the home of Mrs. J. Clayton Sangrey, Lititz RD2 beginning at 9 a.m Wednesday, January 23, 1974. A covered dish luncheon will be served.

Following the business meeting, a gift exchange was held. Three society members presented a program of slides and commentary on recent trips to Europe, Switzerland and London. Presenting the program were: Mrs. Kurtz, Mrs. Roy Brubaker and Mrs. Graybill Hollinger

Trooper Romaine Engle, of the Lancaster State Police Barracks, will be the guest speaker at the next society meeting at the home of Mrs. J. Lloyd Sheaffer, 326 S. Broad St, Lititz at 1:30 p.m. Saturday, January 5. Trooper Engle's topic will be "Lady Beware"

Society 4

Farm Women Society 4 met recently in the United Church of Christ Social Rooms, Mountville, Pa. Mrs Mary Shellenberger and Mrs Edna Shellenberger were hostesses

Mrs Marian Kauffman had devotions which included a reading, "Thanksgiving Day" by Peter Marshall

Mrs. Hazel Reist, Vice President, presided at the meeting Roll call "A Place I would Like to Visit" was answered by 29 members. Four guests were present.

Mrs. Mollie Schroll, assisted by her husband, showed slides and lectured on their recent trip to Germany, Holland, Bavaria and Italy. The Schrolls had the pleasure to visit their son and family while they were living in Germany and he was serving with the U. S. Air Force.

Mrs. Schroll and Mrs. Rhoda Mellinger will represent Society 4 at the State Convention in January.

Next meeting will be at the home of Mrs. Mary Greider on December 29th.

Society 7

Two new members were installed at the last meeting of Farm Women Society 7. They are Mrs. David K. Kauffman, Kinzer RD, and Mrs. Bernard Palmeri, Bachmantown Road, Ronks.

December 10 at 2 p.m. will be the Christmas meeting at the home of Mrs. Milton Landis. Mrs. Walter Rohrer will demonstrate quilt making. The roll call is the color of your Christmas tree decorations. There will be an exchange of gifts.

Farm Women Calendar

Monday, December 10

2 00 p.m. - Farm Women Society 7 Christmas meeting at the home of Mrs. Milton Landis.

Tuesday, December 11

Farm Women Society 22 meeting at the home of Mrs. Cloyd Wenger, 1804 Pioneer Road, Lancaster.

Wednesday, December 12

6:30 p.m. - Farm Women Society 14 Christmas Banquet, Harvest Drive Restaurant.

Thursday, December 13

7:30 p.m. - Farm Women Society 26 meeting, Gerry Buckwalter, hostess.

Saturday, December 15

1·30 p m. - Farm Women Society 12 Christmas Party at the home of Dorothy Sangrey, Conestoga RD2.

2 p m. - Farm Women Society 3 entertain children at the Swamp United Church of Christ.

Farm Women Society 20 Christmas Party.

Farm Women Society 30 Christmas Banquet at the Harvest Drive Restaurant.

PennAg Seeks Examples Of Fuel Saving Methods

In response to the growing fuel crisis, PennAg Industries Association of Ephrata has asked its state-wide membership to share methods of how agribusiness in Pennsylvania can do its part to conserve energy.

In the December issue of its monthly magazine, **Grist from the Mill**, the organization is asking its members to supply specific examples of how they have conserved energy. PennAg will then publish the ideas in future issues of **Grist from the Mill** and also send them to the news media.

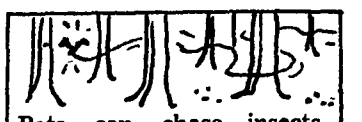
The article states that "the cumulative effect of such an approach could serve as an example to others and turn a problem into a dedication — a dedication which this nation desperately needs right now."

According to Eugene E. Eby, Newport, Penn., PennAg President, the call for help was prompted by members calling the Association headquarters telling of their fuel supplies being cut 20-30 percent and the dire situation they are being put in.

"The energy crisis has a very forceful way of pointing out that our society is extremely wasteful of its resources. The concept of conservation is now going to be expanded and applied to resources in general rather than the traditional concept of soil management," Eby stated.

The article calls on individuals and organizations to commit themselves to solving the energy crisis. It explains that now is not the time to blame others; it is the time to work together to overcome the crisis.

It states that the key to solving the energy crisis is the citizenry. "If the citizenry is behind it, the problem will be solved; if it isn't, the toughest regulations in the world won't do a thing."



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- to finance rural housing
- to provide facilities for processing, storing and marketing farm products.

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At Home On The Range

This season, many women are adding a personal touch to Christmas by giving home-crafted gifts. Home-baked gifts will also surely be appreciated by friends and relatives. Below you will find many types of cakes and candies that would be fine family gifts.

While in the kitchen, you can help out the energy situation by baking more than you need, and freezing for use in future meals and occasions.

One of our readers is looking for mince pie recipes. Mail these or other holiday recipes you may have to "Recipes" Lancaster Farming, P.O. Box 266, Lititz, Penna. 17543. We will send a pot holder in return as our way of saying "Thanks".

Crazy Crunch

2 quarts popped corn
1½ cups pecans
2-3 cups almonds
½ cup crystal clear syrup
1 1-3 cup margarine
1 teaspoon vanilla

Mix popped corn and nuts on a cookie sheet. Combine sugar, margarine and syrup in 1½ quart saucepan. Bring to a boil over medium heat, stirring constantly. Continue boiling 10 to 15 minutes or until mixture turns a light caramel color. Remove from heat. Stir in vanilla.

Pour over popped corn and nuts. Mix well to coat. Spread out to dry. Break apart and store in tightly covered container. Makes two pounds.

"I use this recipe for popcorn balls."

Lizzie Horst
Oxford RD1

xxx

Snow Ball Cake

1 large angel food cake, break into small pieces, set aside
2 envelopes unflavored gelatine dissolved in 4 tablespoons cold water
1 cup boiling water (add to above)
1 cup pineapple juice
1 cup crushed pineapple (drained)
1 cup sugar
½ teaspoon salt
Juice of one lemon

Mix all ingredients except cake together. Place in refrigerator to cool. When this begins to jell, add two small boxes of whipped topping, whipped according to directions on box.

Use a large baking dish or pan and line with waxed paper. Place a layer of cake pieces and gelatine alternately until all is used. Keep in refrigerator until ready to serve.

Katie Shirk
Ephrata RD2

xxx

Choice Caramels

2 cups granulated sugar
1¾ cups molasses
1 cup butter (½ pound)
2 cups cream

Put sugar, molasses and butter in sauce pan with one-fourth of the cream. When boiling, add the rest of the cream, just fast enough to keep boiling. Boil to 240 degrees. Pour into oblong cake pan. When cool, cut into small squares, and wrap individually.

Mrs. Wilmer Stoltzfoos
Leola, RD1

xxx

Fudge Meltaways

½ cup butter
1 square unsweetened chocolate (1 ounce)
¼ cup sugar
1 egg
2 cups graham cracker crumbs
1 cup coconut
½ cup chopped nuts
1 teaspoon vanilla

Filling

¼ cup butter
1 teaspoon milk or cream
2 cups sifted 10X sugar
1 teaspoon vanilla
1½ ounces melted unsweetened chocolate

Melt ½ cup butter and one square chocolate in saucepan. Blend sugar, egg, graham cracker crumbs, coconut, nuts and vanilla into butter and chocolate mixture. Mix thoroughly and press in pan. Refrigerate while making filling.

Cream butter, milk, 10X sugar and vanilla to make filling. Mix and spread over crumb mixture. Chill in refrigerator. Pour 1½ ounces melted chocolate over chilled mixture.

xxx

Walnut Kisses

1 pound walnuts, finely chopped
2 cups sugar
5 tablespoons flour
6 egg whites
1 teaspoon vanilla

Beat egg whites until stiff but not dry. Gradually add sugar and continue to beat until well blended.

Sift flour lightly over beaten whites and fold in with wire whisk. Add vanilla and nuts and blend into mixture.

Drop by teaspoonful onto greased baking sheets about two inches apart. Remove from pan at once. Makes six dozen small cookies.

Anna Hoover
Denver RD1

xxx

Sugar Coated Nuts

Put 2½ cups nuts (I use pecan halves) in shallow pan. Heat in 350 degree oven for 15 minutes (stir).

Cook:

1 cup sugar
½ cup water
1 teaspoon cinnamon
1 teaspoon salt
Vanilla

Cook to soft ball stage without stirring. Pour over cooled nuts. Stir gently until nuts are well coated and mixture becomes creamy. Turn out on greased platter or waxed paper. Separate nuts as they cool. Serve as candy.

Mrs. Lester Hursh
RD1
Mount Joy

xxx

Fat Balls
or
Snow Balls

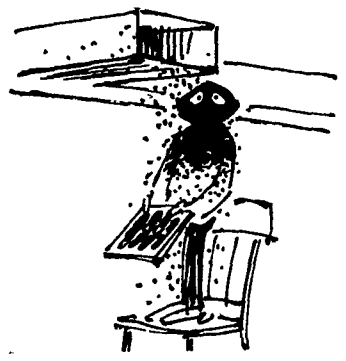
1 cup sugar
1 cup thick milk
¼ cup sour cream
1 egg
3 cups flour
1 teaspoon cream of tartar
1 teaspoon baking soda

Mix and drop in deep fat with

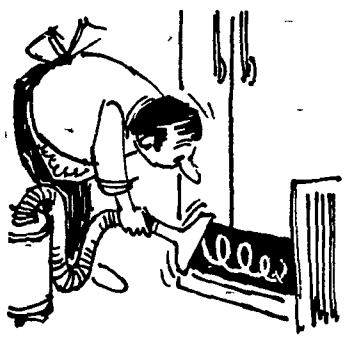
(Continued On Page 26)

TRY THESE WATT SAVINGS CLEANING TIPS

There are many ways to save energy (and money, too) when you think about it. In these days when getting "Maximum mileage" from our energy resources is so important, everyone should do whatever they can.
Here are a few savings ideas. Remember, "top efficiency" is the key to conservation.



★ *Clean heating registers, baseboard units or radiators. Even a thin layer of dust can impair heat radiating ability . . . a simple vacuum cleaning can eliminate the problem. Clean or replace furnace filters frequently, too, during the heating season.*



★ *Vacuum clean refrigerator coils making sure compressor motor is dirt- and dust-free. Some coils are exposed on the back of the units — access to others is through a removable panel on the front at floor level. Clean at least once each year.*

★ *Clean lighting fixtures — Dirty lamps and fixtures can reduce light output as much as 50%. Once globes, etc. are clean, try using a lower wattage bulb, particularly in fixtures which provide only general lighting.*

Look for additional savings tips regularly brought to you by your electric company.

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REMEMBER after Dec. 31 it will be too late to save on 1973 taxes.

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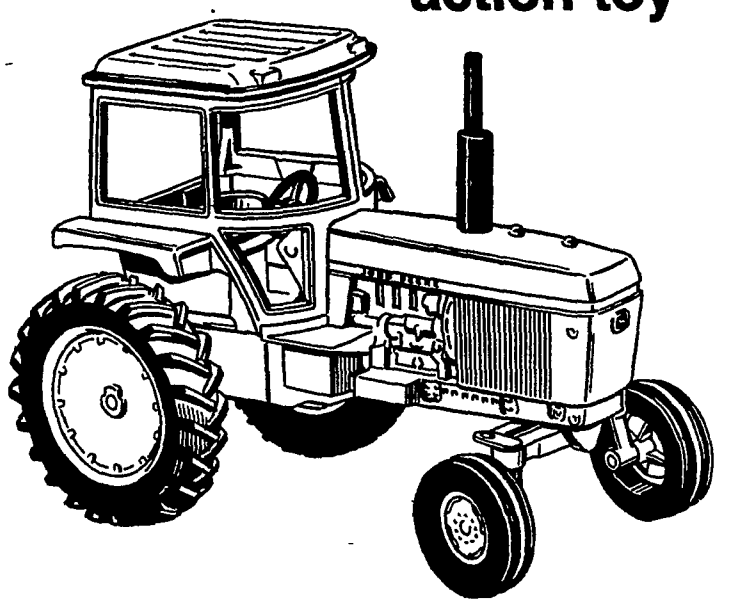

The latest thing in playlot farming is this up-to-the-minute model of the Generation II Sound-Idea Tractor. Just like the real ones, it features the Sound-Gard body, 4-post Roll-Gard, steerable front wheels. Easy for big or little hands to operate, 7 by 9-3/4 inches. Traditional John Deere quality in rugged metal and durable enamel finish. See new toys and old favorites at your John Deere dealer's!

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NEW HOLLAND, PENNSYLVANIA / 717 354-4511

At Home On The Range

(Continued From Page 25)

teaspoon. Don't make too big or they will not cook through. Roll in 10X sugar.

Mrs. Aaron N. Sensenig
R.D.1
Denver

xxx

Here are some suggestions for those quick in-between-Christmas-shopping meals:

Quick and Easy
Pizza Pie

2 cups biscuit mix
2-3 cup water

Mix and spread on an ungreased cookie sheet or cake pan. Spread dough with:

1 can tomato soup

Sprinkle with:

Onion salt
Oregano

Top with: Sliced hot dogs, browned hamburger or tuna. Sprinkle with your favorite cheese.

Bake at 400 degrees for 20 minutes, or until done. (Baking time varies according to thickness you spread the dough.)

Mrs. Lester Hursh
R.D.1
Mount Joy

xxx

Sheperd's Pie

1½ pounds ground beef
¾ cup oatmeal
2 eggs, beaten
¼ cup chopped onion
2 teaspoons salt
¼ teaspoon pepper
1 cup tomato juice

Combine all ingredients thoroughly and line bottom of baking dish for first layer.

Second layer - take equal amounts of peas, corn, carrots and lima beans seasoned with salt and put on top of meat. Then top with mashed potatoes and dot with butter.

Bake at 350 degrees for one hour.

Catherine Shirk
Ephrata, RD3

xxx

Meal-in-One Casserole
(a delicious quickie)

4 pork chops
¼ cup flour
½ teaspoon salt
¼ teaspoon pepper
4 medium potatoes
4 carrots
2 medium onions
½ cup hot water
½ teaspoon salt
dash of pepper

Mix flour, salt and pepper. Coat chops lightly with flour mixture. Brown chops in small amount of grease. Place chops in casserole. Sprinkle remaining flour mixture over chops. Slice onions over chops and flour. Scrub potatoes and carrots (or peel); cut each in three or four pieces and place over chops. Add salt, pepper and hot water; cover and bake about one and one-half hours or until done, in 350 degree oven. Serves four.

Mrs. Richard N. Myers
Elizabethtown RD4

xxx

Pastry Recipe

5 cups sifted flour
4 teaspoons sugar
½ teaspoon salt
½ teaspoon baking powder
1½ cups lard
2 egg yolks
Cold water

Combine dry ingredients; cut in lard. Place egg yolks in measuring cup and stir with fork until smooth. Blend in enough cold water to make a scant cupful.

Sprinkle gradually over dry ingredients. Toss with fork to make soft dough. Roll out as usual. Makes pastry for three 9-inch two-crust pies.

When top crust is sealed and edges are crimped, brush with milk and sprinkle with a little sugar for a beautiful golden brown pie.

Mrs. Edwin Leinbach
RD1
East Earl

xxx

Fudge Candy

2 cups granulated sugar
1 tablespoon cornstarch or 2 tablespoons flour
2 tablespoons cocoa
Pinch of salt
½ cup hot milk

Mix dry ingredients with hot milk. Stir in two tablespoons marshmallow creme. Add nuts, if preferred. Stir good. Put in cake pan to harden. When almost hard, cut in squares.

Linda Stoltzfus
Rebersburg

Book Explains AI Careers

A new 16-page booklet on career opportunities in the artificial insemination (A.I.) business is now available from Curtiss Breeding Service Division of Searle Agriculture Inc. Utilizing case histories and quotations, photos and drawings, the book explains such things as income possibilities, capital needed to start, background needed, as well as other aspects of involvement -- full - or part-time -- in A.I.

"The practice of artificial insemination is here to stay and growing," said one Curtiss man when interviewed in the field. "The general economics of milk and beef production continues to force more cattlemen into using A.I. to genetically improve their herds," was the view of another.

Those interested can get a free copy of the new booklet, by writing to Marketing Department, Curtiss Breeding Service, Division of Searle Agriculture Inc., Cary Ill. 60013. The booklet is entitled "What Kind of Creature is a Curtiss Man."

The E Era to 2,000 A.D.

(NEWS OF EARTH, ENVIRONMENT, ENERGY)

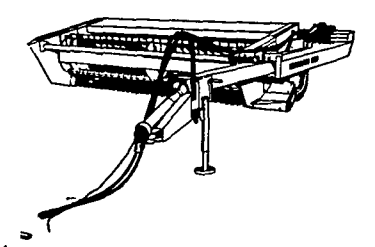
Hard Work Ahead

It will not be easy to change our habits, some of which have gone unquestioned for generations: throwing things away instead of repairing or recycling them, dumping our wastes into the water and the air, and wasting irreplaceable resources. It is up to Americans of this decade to develop a new pattern of environmental management. We must become the first generation to work with nature instead of against her.

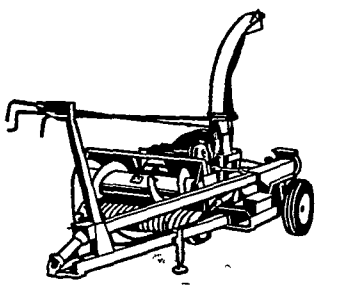
There is a generation of hard work ahead of us. Each of us must make his own contribution. But the task will seem less arduous if we focus on those opportunities for betterment which present themselves from day to day. The combined efforts of individuals, industries and governments at all levels - though they may seem small when viewed in isolation - can make an enormous collective impact. A national commitment, involving each American, will not only lift the veil of pollution from our skies and cleanse our turbid waters, it could help propel this nation toward a new era of social amenity far transcending the proud achievements of the past.

If we act wisely and with speed, we can extract long-range social dividends from our resources as well as short term private conveniences. We can elevate the quality of life as well as expand the quantity of goods. We can set an example for the world by turning from exploitation to preservation, from growth at any cost to growth for a purpose.

HESSTON
FARM EQUIPMENT



WINDROWER
PT-7 PT-10



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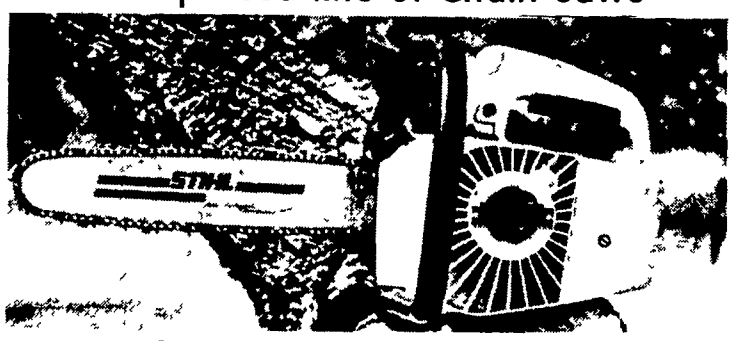

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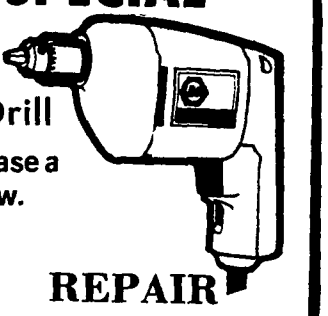

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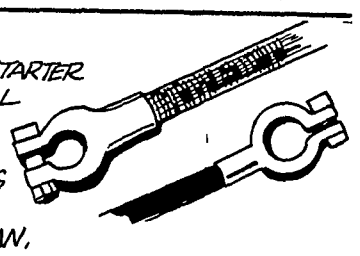
Automobile Service Tips



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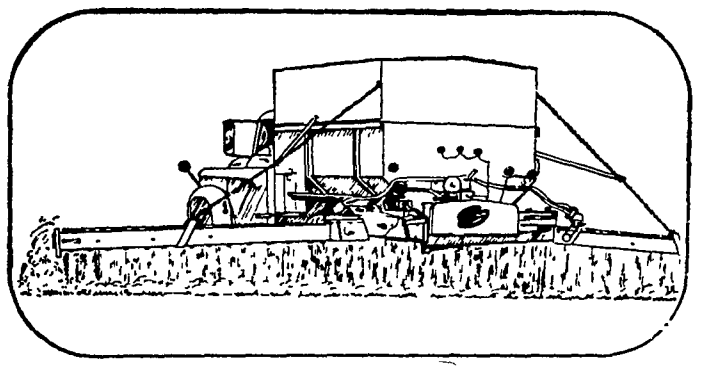
APPLY LIME ON FROZEN GROUND



Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in extra bushels and tons of crops and forage.

MARTIN'S LIMESTONE

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From Local Ag Teachers:

Thoughts in Passing

This is the fifth of a series of articles to acquaint you with the newest vocational teachers in Lancaster County.

Raymond Little came to Lancaster County in late August to begin teaching horticulture at the Mount Joy Vo-tech School.

There are 29 students enrolled in the horticulture program at Mount Joy with two sessions daily, one in the morning and one in the afternoon. Horticulture subjects taught include such areas as nursery production, turf grass establishment and maintenance, landscape establishment and maintenance, plant propogation and horticulture mechanics. The Vocational Club at Mount Joy is Plants Unlimited.

The Delaware County native worked for five summers preparing for his future in the horticulture field by working in landscape maintenance for Philadelphia Suburban Water Company. Little graduated in June from Penn State with a major in forestry. He and his wife, the former Donna Arner from West Chester, reside in Elizabethtown.

Hobby areas for Little include plant identification, nature photography and plant propogation. His future goals include having his own greenhouse when he and his wife buy their own home.

Raymond Little

Pa. Poultrymen Bucking National Downward Trend

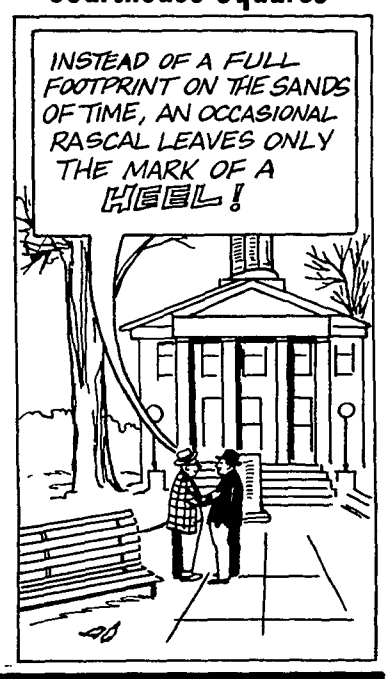
Pennsylvania poultry producers continue to increase their weekly production in a trend that runs counter to data from the other 20 leading broiler producing states, according to the Crop Reporting Service.

In the last full report-week in November, the placement of day-old broiler chicks was 1,308,000. Although this is a modest one percent decline from the preceding week it is 17 percent ahead of the same week in 1972. Similarly, the average for the past 10 weeks is 17 percent ahead of the corresponding period a year earlier.

Across the nation, broiler placements for the same week were 57,139,000 but the 10 week average, nationally, is trailing the same 10 weeks, last year, by one percent.

In 1972, Pennsylvania ranked only 14th among the states active in broiler production.

Courthouse Squares



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Consultant, National Dairy Council

NUTRITIONAL NONSENSE

A "perfect environment for nonsense" is provided in America by the communications media, says Dr. Philip L. White, Secretary of the American Medical Association's Council on Foods and Nutrition. Dr. White is, of course, talking about nutritional nonsense. And he emphasizes that radio and television, especially, are constantly promoting the views of food faddists without regard to whether their information has a basis in scientific fact or not.

Said Dr. White in an article in the October issue of Nutrition News, a four times-a-year bulletin for nutrition educators published by National Dairy Council:

Why So Lucrative?

"Why is nutrition nonsense so lucrative a non-profession? Why are we faced with one bad diet book after another? How can fallacious authors rise to national prominence as on fatty clouds almost over night? Why? Because the media of mass communications ignore peer review and provide tailor-made megaphones for any thing sensational.

"The media, especially radio and television, are so hungry for controversial or 'different' viewpoints (to stimulate audience interest) they seem to seek out those who march to a different drum. The enormous number of talk shows create a talent demand that exceeds the supply.

"Why do the media permit Hollywood personalities to spread their foolish notions about health foods? Perhaps it's because after their umpteenth time around the talk show circuit, nutrition nonsense is all they have to talk about. They are invited back because somebody must fill the chairs on stage. The mass media does provide the perfect environment for nonsense."

In his article, one of Dr. White's main points is that science benefits from peer review — the process by which a scientist's report is reviewed by other scientists to see if his research has been valid and his conclusions or hypothesis reasonable. As Dr. White suggests, no such review is involved when the food faddist presents his ideas to the public, nor do most newspapers or other media require it.

Room For Encouragement

One has to be encouraged, though, by the great increase in the number of newspaper and magazine science writers who do know science and do not relay nonsense to the public. One problem, of course, is the question, "is information news?" It is news that sells newspapers, and sensationalism and controversy build ratings for radio and television And Americans have always had some interest in the medicine show, in the showman-quack.

So I predict food faddism and nutritional misinformation will be around for awhile. But people should guard against swallowing nonsense and rely instead on sources of factual information rather than opinion or notions. It is, after all, our own health we want to protect.

(*NOTE: Last week's column, "Cholesterol Content of Food", incorrectly stated "a 3½-ounce serving of lobster will give you 200 mg of cholesterol . . ." The table in the column correctly listed 3½ ounces of lobster as containing 85 mg of cholesterol.—L.M.H.*)

CHEESE HISTORY

The history of cheese goes back a long time. Legend has it that cheese actually was "discovered" several thousand years before Christ by an Arabian traveler who placed milk in a pouch made from a sheep's stomach. During his journey that day the combined action of the sun's heat and enzymes in the lining of the stomach changed the milk into curds of cheese and the thin liquid now called whey.

"Since that legendary discovery," says a National Dairy Council publication, "Newer Knowledge of Cheese," "countless experiments have produced varieties of cheese that range in texture from soft to hard and in flavor from mild to pungent and sharp. Yet the initial, basic process remains the same.

"Over the many centuries during which cheese has been made, it has played a distinctive role in the economy of peoples and of nations. It was vital to the early nomadic tribes and became one of the prized mediums of exchange because it provided milk in a solid and less perishable form."

Brought To Europe

Cheesemaking began in Europe when the Crusaders brought back the secrets of the art. After the fall of the Roman Empire and during the Dark Ages, Trappist Monks in the monasteries kept the secrets alive and developed many varieties of cheese that still are made today.

Localities contributed, too, to varieties of cheese. Techniques employed varied geographically and the milk available in one place and the techniques used produced cheeses of certain characteristics not obtained elsewhere. These differences resulted in the many varieties of cheese that are obtainable today.

Cheesemaking remained a farm or home operation until the middle of the nineteenth century. Cheesemaking as a great industry in the United States began with the first small cheese factory in Rome, N.Y., in 1851.

All Kinds Available

Through controlled, scientific methods American cheesemakers have successfully manufactured virtually all the foreign cheeses such as Swiss, Camembert, Limburger, Blue and Parmesan. And Americans have originated such varieties as Brick, Colby, Monterey or Jack cheese and others.

The beauty of cheese is that it converts milk to a concentrated form of nourishment suitable for immediate use or storage for future use. And cheese is not only nutritious.

The ancient Romans began the custom of hanging flags of victorious battles in their temples. This practice continued in Christian churches down to modern times.

FIDELITY ALTERNATOR
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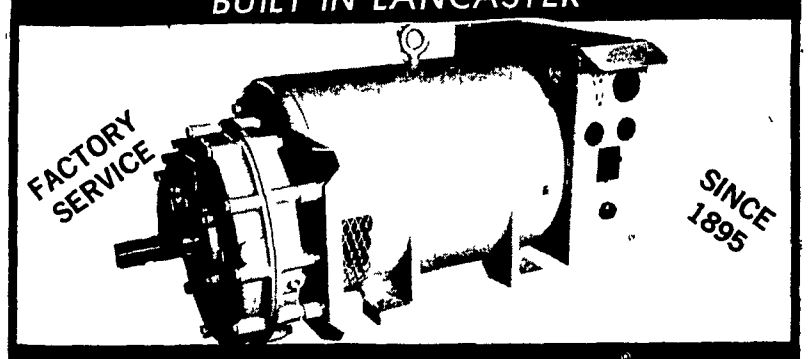

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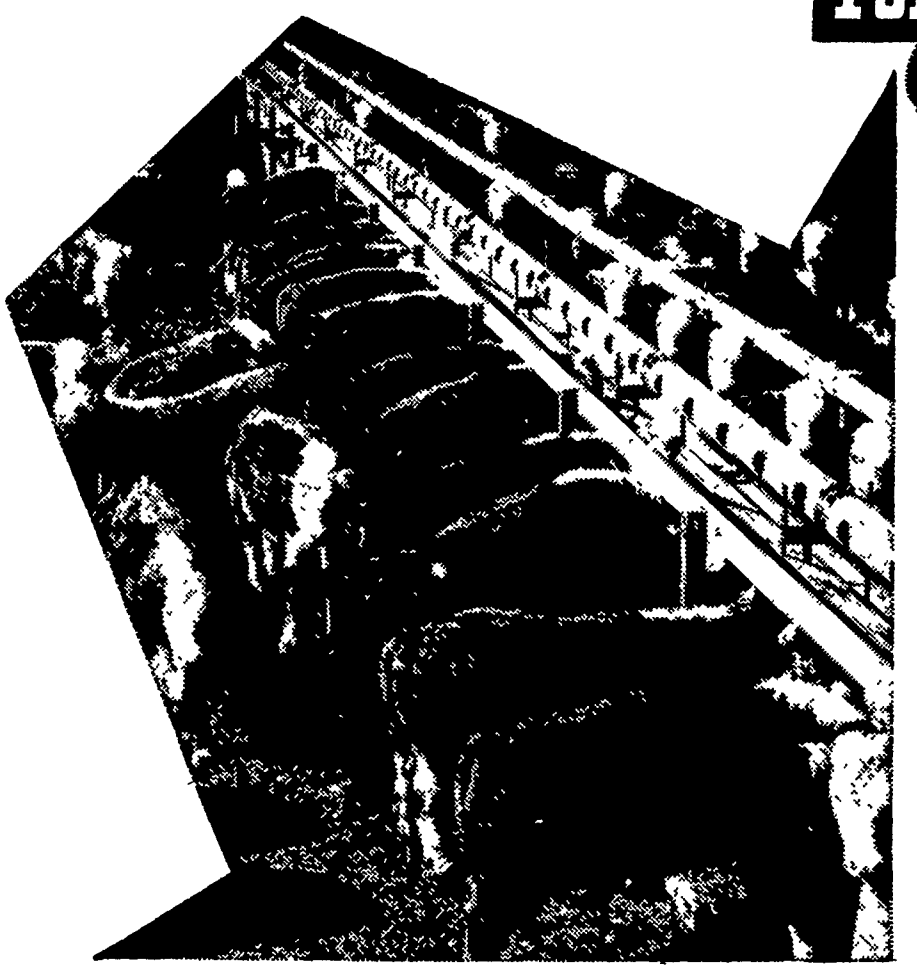

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Garden Spot Young Farmers To Meet

The Garden Spot Young Farmers will conduct a meeting December 11, in the agriculture classroom of the Garden Spot High School. The highlight of the meeting will be a panel discussion on the feeding of "pickled" or "sour" colostrum. The panel will consist of Mr. John Yost, RD1 Kinzers; John Landis, Creek Hill Rd., Lancaster; Robert Book, Leola; and Ken Skiles, RD2, Narvon. These dairymen have been feeding colostrum during the past year and will be sharing their experiences.

Any daiyman is invited to attend. Refreshments will be served.

Pennsylvania winner in the 4-H Safety Program, Sharon Bomberger of Lebanon learns from General Motors vice president Wallace E. Wilson how an air bag inflated from an auto steering wheel could protect drivers in serious traffic accidents. With them is Miss America 1974, Rebecca Ann King of Colorado.

General Motors, 4-H Safety Program sponsor for the last 29 years, provided each state winner an expense-paid trip to the National 4-H Congress in Chicago.

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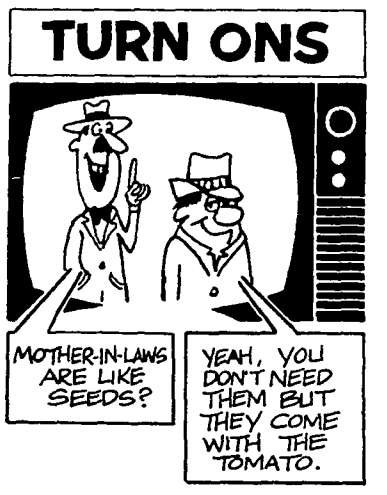
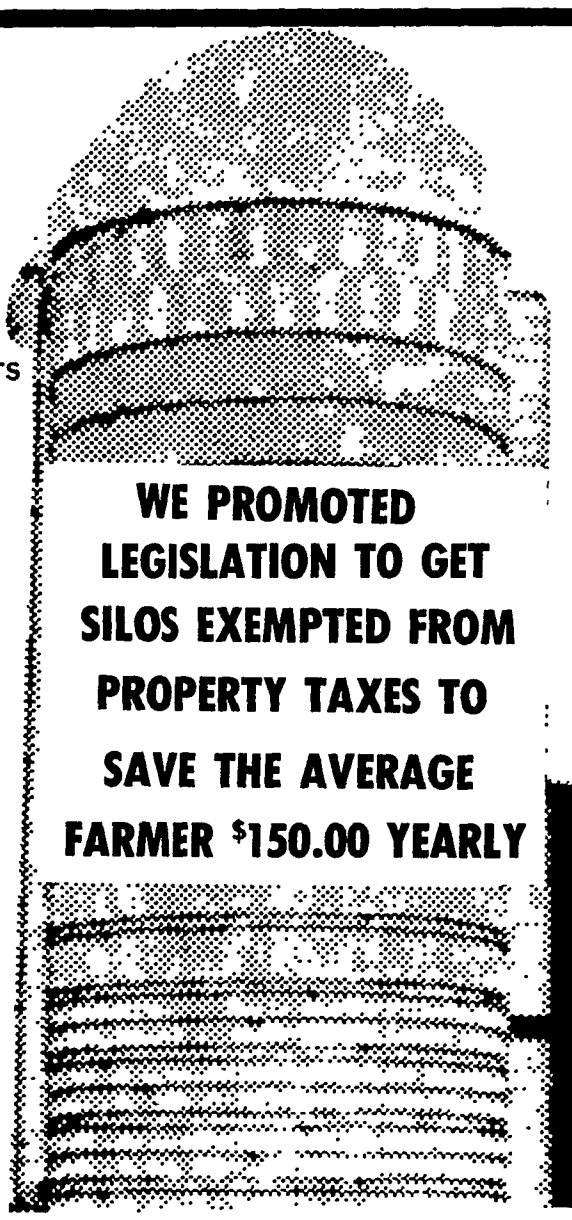


Mr. Farmer . . .

The LANCASTER COUNTY FARMERS ASSOCIATION believes that farmers should not be taxed out of business. That's why we led the battle here for voter approval of the "Clean and Green" amendment to the Pennsylvania Constitution. Farmland can now be taxed according to its farming value, rather than its value as potential development property. This is the kind of victory you need to stay in the business of farming. It's the kind of work your Farmers Association can do better than any other organization.

Don't you want to be a part?



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Quarryville, Pa.

ag outlook

Digested from outlook reports of the economic research service forecasts based on information available through October 1, 1973

A GREAT YEAR . . . Higher prices and larger crop marketings should push 1973 gross farm income to about $84 billion, $15 million more than last year. And though sharply higher production expenses will eat up about $60 billion of this total, net farm income will be by far the highest on record. Experts see it totaling $24 billion, a gain of over $4 billion from 1972.

xxx

FARM RECEIPTS totaled about $31 3 billion by midyear, nearly $6 billion ahead of first half 1972, thanks to 30 percent higher prices and 1 percent greater marketings. Livestock and livestock product earnings had climbed to $20.7 billion, as higher prices (up 30 percent) nullified lower sales volume (down 6 percent). Crop receipts totaled $10.6 billion, the result of 30 percent higher prices and 8 percent larger sales.

xxx

NO BARGAINS . . . Inputs bore a higher price tag in 1973 than the year before, with the biggest increase occuring for feedstuffs The index of prices paid by farmers was up more than 20 percent from a year ago as of mid-September, with feed grains up 75 percent. However, prices of other items — wages, fertilizer, motor supplies, etc. — also advanced briskly.

xxx

LESS MILK . . 1973 may well see the first falloff in milk output in 3 years. Sharp cutbacks in cow numbers and, surprisingly, lower output per cow could make for a 3 percent drop in total output.

CULLING QUICKENS . . . . . Expensive feed coupled with high slaughter cow prices are tempting farmers to cull their dairy herds heavily. Through August slaughter cow prices were up a third from the year before . . . and milk cow numbers were off nearly 3 percent in August, the sharpest drop in about 3 years.

xxx

OUTPUT PER COW just might drop during 1973 . . . the first annual falloff since the 1940's . . as dairymen cut back on their use of high-priced grains and protein concentrates. During the past decade farmers managed to achieve a 3 percent annual gain in output per cow by boosting grain and concentrate feeding fron 2,500 to 4,300 pounds per animal. But unfavorable milk-feed price relationships in 1973 just haven't been conducive to heavy feeding.

xxx

GROSS GAIN . . . Higher prices have pushed up gross dairy income despite a drop in farmers' milk marketings. For all of 1973 gross earnings may total around $7.8 billion, up from $7.2 billion in 1972.

xxx

BUT NET LOSS . . . However, dairymen's gross incomes are rising less this year than their production costs, especially for feed, and net returns to dairying in total will likely decline from 1972 levels. Prices paid by farmers for production items in January-August were up about 20 percent from a year ago.

xxx

TURKEY TALLY . . . The 1973 turkey crop is expected to total 132 million birds, 2 percent more than in 1972. Marketings through early September were running about 5 percent ahead of a year ago but output will be lower for the September-December period.

xxx

TURKEY PRICES . . . Lagging output, lower cold storage stocks, and high prices for other meats have pushed turkey prices close to the record levels of 1948-49. New York wholesale prices for 8-16 pound young hens averaged 74 cents a pound during August, up 17 cents from the month before and more than twice as high as a year earlier. Continued high prices for other meats will continue to hold fourth quarter prices above October-December 1972.

xxx

FARMERS' FOOD DOLLAR SHARE . . . Feeding an urban household was estimated to have cost over $1,653 (annual rate) as of August 1973 . . . or $328 more than the year before. Most of the added dollars went to farmers, boosting the farm value of a market basket of foods to $835, up 58 percent from August 1972. Farmers thus received 50c of each $1 consumers spent on food.

xxx

DIET DOWN . . . Per Capita food consumption this year appears likely to decline for the first time since 1965. A cutback in per capita use of livestock-related foods outweighs a small increase for crop foods. Meat and egg consumption will drop the most, followed by poultry.

xxx

FOOD EXPENDITURE. . . . Despite the drop in per capita food use, higher food prices are expected to push total food spending up some 15 percent over 1972's $125 billion. And because the spending rise will be greater than gains in disposable personal income, it's very likely the share of income spent for food in 1973 will icrease for the first time in 15 years.

Strasburg Bank Slates Dividend

Strasburg, Pa. - The Board of Directors of The First National Bank of Strasburg declared a semi-annual dividend at a recent meeting.

The new dividend is valued at $1.50 per share and will be payable on December 31st, 1973 to stockholders of record on December 4th, 1973. There are 410 stockholders with 50,000 shares outstanding.

The First National Bank of Strasburg is celebrating its 110th anniversary this year and opened their fourth office at the Buck in September.

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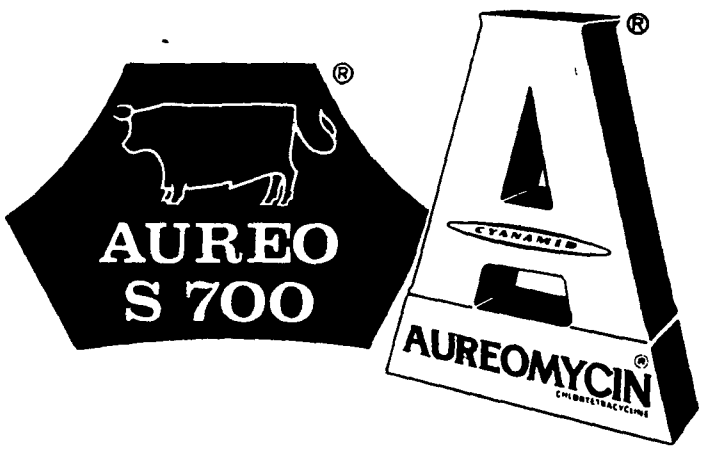

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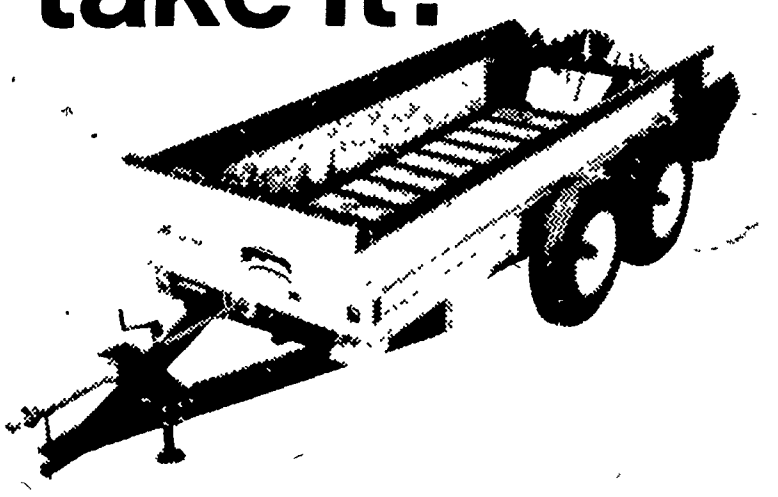

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Every New Idea spreader in the line has wood sides, bottom and end . . . because wood can take it. Wood battles against damage. Wood won't bend, can't rust . . . and fights corrosive acids better than any other spreader box material.

Warranty On Wood That's why only New Idea says, "In the unlikely event that any of the wood components in your New Idea Manure Spreader rot through, Avco New Idea will make replacement, no charge. Replacement will be made without cost to you, the original purchaser, at your nearby New Idea dealer . . . no charge for wood, no charge for labor or freight."

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Seed and Fertilizer Supply Seen Short

Short supplies of fertilizer, grass and forage seed will present a dilemma to farmers in 1974, a team of agricultural specialists pointed out at the recent Forage and Seed Conference held at The Pennsylvania State University.

"We have a 5 million pound shortage of alfalfa seed and this actually is a worse situation than it appears," said W. Alan Hick, of Northrup, King, and Company, of Albany, Oregon.

These figures, he noted, represent all alfalfa seed. The farmer in the Southwest does not want seed that isn't adaptable to his area. The only way we are going to be able to correct this situation is to pay growers a price for alfalfa seed which will return an equal or better price than the crops they are now growing in dollars per acre, or we will have to find new areas of production.

"I do not see any relief from short seed supplies of alfalfa, red clover, western-produced forage and turf grasses until at least after the 1975 crop," Hick emphasized. "This relief will come if we are prepared to pay the price."

James A. Wells, an official of the Tennessee Valley Authority, pointed out that United States inventories at the end of the 1973 fertilizer year are at an all-time low. Nitrogen product inventory is at 40 percent of the average monthly production rate. Stocks of ammonia are at 50 percent of the same production index. Supply levels for phosphates are not as critical as those for nitrogen.

Wells predicted that the U.S. fertilizer industry will likely respond by making at least an additional 350,000 tons of the major fertilizer materials available to the domestic market during this year and 1.1 million tons during the remainder of the fertilizer year.

"Fertilizer firms will probably start construction of new facilities and speed up current building programs," he said "With industry and agriculture asking the federal government to raise priorities on natural gas feedstocks, an increase in operating rates of ammonia plants can be expected, adding to nitrogen supplies."

Feed grain production is likely to be a record 211 million tons and the livestock industry can "breathe a little easier" than a year ago, H. Louis Moore, Penn State Extension agricultural economist, told those attending the conference.

"The combined winter and spring wheat crops exceeded last year's record, corn production is up 4 percent from a year ago, and soybean production is the largest ever," Moore said.

He added that the elimination of the set-aside program promises to increase grain production in 1974 which will be good news for the livestock industry. Wheat farmers increased their fall acreage by 7 7 percent.

If farmers plant more corn, as currently planned, the 1974 corn crop should reach 6.3 billion bushels, up nearly 9 percent over last year.

Moore said that crops of this size would tend to make livestock feeding more profitable than selling grain.

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Conserve Energy — Join Dec 27 & 28
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You can take advantage of present high milk prices by getting your cows to produce at their bred-in ability—at a low cost. Checkerboard Dairy is the milking ration for the dairyman who wants a highly efficient, yet a low-cost ration for his herd. Checkerboard Dairy has a balance of vitamins, minerals and protein cows need for top performance. And it's a complete milking ration, high in molasses for added palatability and pelleted for easy handling and feeding.

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The 60" wide Flail pickup also
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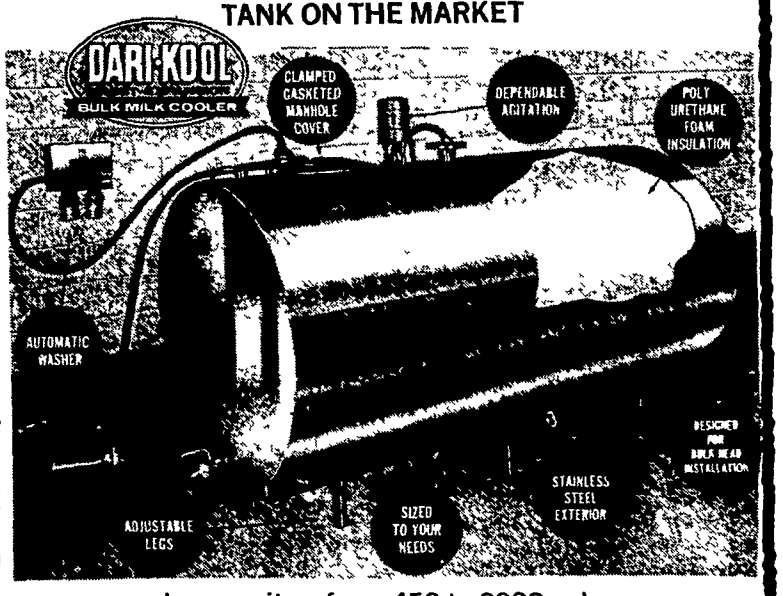
THE FASTEST COOLING BULK MILK TANK ON THE MARKET



In capacities from 450 to 2000 gal.
Ice-Bank Milk Coolers also Available
ALL MODELS IN STOCK

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2 Miles East of Kissel Hill on Woods Drive

Garden Spot High School Plans Welding Course

An evening arc welding school for farmers and other interested persons will begin Wednesday, January 16, at 7:00 at the Garden Spot High School Vocational Agriculture Department. The School will be conducted one night a week for five consecutive Wednesday nights. It is designed for beginners and others interested in improving their welding skills.

Robert Woods, Vo-Ag teacher at the high school, will teach welding in the various positions, on different kinds of metal, welding cast iron, hard surfacing, cutting, and brazing with an arc welder.

Everyone who attends will receive a certified diploma if they attend all five sessions. A fee of $5.00 will be charged for the course and all materials needed will be provided free of charge.

The course is based on instruction developed by the Lincoln Electric Company who makes arc welding equipment and has been conducting welding schools since 1917. The Farmersville Equipment Company will sponsor the course.

The welding school will be limited to 20 persons. Anyone interested in the course should contact the Agriculture Department of the Garden Spot High School by Friday, December 21. Persons interested in taking the course should call the high school between 8:00 and 3:00.

Low Meat Prices Offset High Milk

The November 15 Index of Prices Received by Pennsylvania Farmers was one-half percent less than mid-October according to the Crop Reporting Service.

Lower prices for meat animals and feed grains more than offset higher prices for milk, milk cows, turkeys, potatoes, apples and hay. The index was 33 percent above a year ago.

Nationally, the Index of Prices Received by Farmers decreased one and one-half percent. Contributing most to the decrease since mid-October were lower prices for cattle, calves, upland cotton, broilers and soybeans. Higher prices for milk, rice, potatoes and tomatoes were only partially offsetting. The index was 38 percent above a year earlier.

xxx

Last year about 60 percent of the national nursing home bills were paid by public sources (Medicaid, Medicare, and the like) according to the American Nursing Home Association. Of the total $3.5 billion expenditure for quality care, only $1.37 billion came from private funds.

Dr. Hepler Heads PSU Horticulture

Dr. R. William Hepler, associate professor of plant breeding at The Pennsylvania State University, has been appointed Head of the Department of Horticulture and Professor of Plant Breeding, effective December 1.

He has been serving as acting department head since the death of Dr. Darrell E. Walker in July.

In announcing the appointment Dr. James M. Beattie, Dean of the Penn State College of Agriculture, said Dr. Hepler will be in charge of Research, Resident Education, and Extension programs within the Department of Horticulture.

A native of Durham, N. H., Dr. Hepler was appointed to the Penn State College of Agriculture faculty in January 1970. He earned a bachelor of science degree from the University of New Hampshire, master of science degree from Penn State, and the doctor of philosophy degree from the University of Illinois, all with a major in horticulture.

Since 1954 and until assuming his Penn State position, he was owner of the Hepler Seed Co.; research associate and assistant professor of vegetable crops at the University of Illinois; plant breeder for the California Packing Corporation; and manager of research and foundation seeds for FMC Corporation, San Juan Bautista, Calif.

Dr. Hepler, during the past three years, has carried out numerous research and teaching assignments related to plant breeding and vegetable crops production. He taught three undergraduate and six graduate courses. He also served as advisor to the juniors and seniors specializing in vegetable crops production and plant breeding and students in general horticulture. Presently he is advising four candidates for advanced degrees.

The new department head's current research centers on the genetics and breeding of tomatoes for processing and fresh market, mechanization of the production of tomatoes for processing, vegetable variety trials, and genetic studies of cucumbers.

Dr. Hepler has conducted extensive research work with the Commonwealth's vegetable growers and processors. His studies involve the development of integrated optimum cultural practices from pre-planting through harvest, including direct seeding, transplanting, maturity determination, variety evaluation, new product development, and the economics of harvesting.

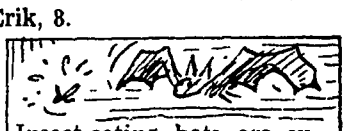
He has served as a member of the Horticulture Curriculum Committee, Agricultural Progress Days Steering Committee, Committee on Procedures for Evaluation and Control of Students, chairman of the College of Agriculture Committee on an Initial Course in Genetics, and chairman of the 1973 Pennsylvania Vegetable Conference.

Dr. Hepler is a member of the Review Committee for Horticulture Courses and Curriculums, Review Committee for Horticulture Department Research, Pennsylvania Agricultural Experiment Station Seed Committee, and NE-9 Regional Plant Introduction Committee.

He is author or co-author of 28 papers and research articles dealing with vegetable crop management and genetics.

Dr. Hepler holds membership in numerous professional organizations and societies including the American Society for Horticultural Science, American Association for the Advancement of Science, Tomato Genetics Cooperative, Tomato Breeders Round Table, Bean Improvement Cooperative, Pickling Cucumber Improvement Committee, Phi Kappa Phi, Alpha Zetz, Gamma Sigma Delta, and Phi Epsilon Phi. He is also advisor to the Penn State chapter of Alpha Gamma Rho, national agricultural fraternity. The 1973 Hort Show was dedicated to the new department head.

He is married to the former Emily K. Watson of Clearfield, a 1957 Penn State graduate in home economics. They are parents of two children: Karen, 13, and Erik, 8.



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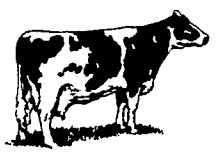

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Sample of DHIA Records:
Holly 19,320 Milk, 661 Fat;
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Dairymen -- This is one of the great opportunities you may ever have to buy fine Registered Holstein Dairy Cattle. A young herd that will please the most particular buyer. Many years of top breeding. 30 Day TB and Blood Test. Pregnancy examined.

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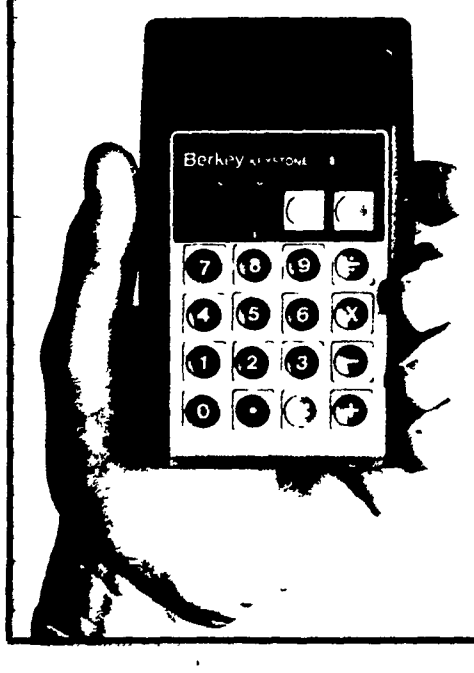

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it adds, subtracts, multiplies, divides...
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SATURDAY, DECEMBER 22, 1973
10:00 A.M.
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JOHN DEERE 1520 GAS with 48 LOADER
with appx. 800 hrs., rear wheel weights and will be offered separate and as a complete unit. JD 1240 4 row plateless planter, JD KBA 28 disc harrow, JD 24T PTO baler with No. 2 bale ejector and dual wheels, Gehl 600 harvestor with 2 row narrow row corn head used 2 years, 2 Gehl forage wagons with triple beaters and high sides, Grove forage wagon with triple beaters and roof, Massey Harris 92 self-propelled combine with 12' grain head, Owatonna 9' mower conditioner, 28' bale elevator, corn drag, New Idea 40' elevator, Helix grinder mixer, NI 195 bu. manure spreader, IH 155 manure spreader used 2 yrs., 185 bu. Hawk Built right hand tank spreader used 2 yrs., Fox PTO hopper blower, 50' blower pipe, Brillion 10' culti-mulcher, NI rotabar rake, 10' NI fertilizer spreader, Farmhand wheel rake, Oliver 3 bottom 18" auto. reset plow used one season, Oliver No. 5 1 row corn picker, Case 3 pt. cultivator, Pittsburgh cultivator, NI crimper, McCurdy bin wagon on 7 ton Zimmerman running gear, Century 3 pt. field cultivator, dump trailer with hyd. and sides, snow bucket for Sauder loader, 18' wagon with hay sides, JD running gear with 7' x 16' sides, Else running gear with 8' x 18' sides, Else running gear with 8' x 18' flat bed, green chop wagon, Midwest plow harrow, 2 wheel trailer, and Case rotary mower.

1969 DODGE V-8 318 CAMPER SPECIAL
1 OWNER with cattle racks
600 bu. soybeans, 1400 bu. shelled corn
1500 bale hay, 1500 bale straw

Toxo-wick cattle oiler, 1000 pound platform scale, tobacco planter, 8000 tobacco lathe, 2 tobacco presses, 1000 gal. molasses tank, Lincoln 180 Amp. welder, 2 air compressers, 2 - 12 hole hog feeders, 105,000 BTU port. heater, 8' x 8' shed on skids, 5 express wagons, antique seed cleaner, chain saw, chains, forks, shovels, tools, iron kettle, milk cans, 25 pcs. 2x6x16 (new), 11 pcs. 2x8x16, 18 sheets of ⅝ plywood, and many other farm related items too numerous to be mentioned.

Kallamazoo kitchen range, wardrobes, Frigidaire and GE refrigerators, metal hutch, crib, square table, buffet, chest of drawers, Maytag washer and misc. items.

Sale order: Household goods, small farm items, grain, farm machinery

Note: Here is an outstanding opportunity to purchase a fine line of good used farm machinery so plan to attend this sale.

CONDITIONS BY:
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SPECIAL HERD SALE
TUESDAY, DECEMBER 18

A herd of 90 good young home raised cows. Including 45 Purebreds with features of Lassie Leaders, Kingpins and others.

25 are fresh cows, 30 Springers and the rest in various stages.

If you need cows, don't miss this sale.

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FRIDAY EVENING, DECEMBER 21 at 8:00 PM

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15 or 20 TURKEYS GIVEN FREE AS DOOR PRIZES!

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60 CANADIAN, MINNESOTA and WISCONSIN
SOME RIGHT READY TO FRESHEN within a few weeks

A REAL GOOD LOT of COWS!

YOU CAN RELY ON US FROM PAST SALES FOR QUALITY
HANDPICKED BY CHARLIE

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PUBLIC AUCTION
OF 42-ACRE FARM
SATURDAY, DECEMBER 15, 1973
AT 2:00 P.M.

Location: Between Lititz and Rothsville along Newport Road. Take Old Route 222 North from Lancaster or Old Route 222 South from Ephrata to Brownstown. At Brownstown take Route 772 west through Rothsville to Newport Road:

42-ACRE FARM
Limestone Soil — Zoned Rural
APPROXIMATELY 2600 FEET ROAD FRONTAGE
APPROXIMATELY 1500 FEET RAILROAD FRONTAGE
THEREON ERECTED A
2½-STORY LARGE BRICK HOME

Home is presently set up as a Double Home with Kitchen, Living Room each side on First Floor and 2 Bedrooms and Bath each side on Second Floor. Third Floor Attic Storage. Full Basement. This Home has one modern kitchen, one modern bath; also an open Stairway and could easily be changed back to a single dwelling. Oil Hot Water Baseboard Heat. There are three wells on the property.

Large Brick and Frame Bank Barn
WITH CEMENTED BARNYARD — BUNK FEEDER
10x50 CONCRETE SILO WITH UNLOADER
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2-CAR GARAGE — CORN CRIB
IMPLEMENT SHED ATTACHED TO BARN
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630 Newport Road, Lititz, Pa. — 717-626-5546

John E. and Paul E. Martin, Auctioneers
717-733-3511 - 733-3305 — Route 322, R.D.1, Ephrata, Penna
John Gibbel, Attorney

NOTE: This Farm is located only 7 miles north of Lancaster and on the northeast side of Lititz. Inspection of home Saturday, December 8, 1973 from 12:00 Noon to 3:00 P.M. Inspection of rest of farm anytime.

Farm Trade

(Continued From Page 8)

world's largest meat consuming region, the U. S. will continue to account for a fifth of all the world's meat. U.S. meat consumption is expected to rise 2 percent annually during 1970-85 to 31 millions tons. Beef, leading the way, will grow by an estimated 2.3 percent a year to reach 15 million tons in 1985. And, on a per capita basis, the U.S. will remain among the world's biggest meat eaters—Australia, New Zealand and Argentina—with a per capita consumption of 287 pounds a year.

U.S. meat production will about keep up with consumption, but net imports will climb to a million tons by 1985—up 25 percent from 1970.

The European Community (EC-9), largest meat consuming area after the US., will consume nearly a sixth of the world's meat in 1985, about the same as in 1970. Consumption in the original EC-6 is projected to rise by 2.8 percent and in the three new member countries, by 1.8 percent annually. Meat production in the original EC-6 has been expanding, though not quite as fast as the demand. The outlook, however, is for the production-consumption gap to narrow.

Meat exports by Denmark and Ireland to the rest of the EC will make substantial gains. With climbing meat production, the United Kingdom will rely less on imports and its needs will probably be taken care of by the other EC members. The EC-9, overall, will reduce its dependence on the rest of the world for meat in general and for beef in particular.

Elsewhere in West Europe the growth in meat use will outstrip the advances in output. Imports are expected to more than double by 1985 to a half million tons.

East Europe is likely to remain a net meat exporter in the next 12 years. Net exports of beef, estimated at .2 million tons in 1985, will reinforce a similar quantity of net exports of other meats.

In Japan the outlook holds dramatic leaps in meat usage. Total consumption is seen expanding by 7.4 percent a year, and by 1985 will be nearly triple the level of 15 years earlier. On a per capita basis, meat use is placed at 92 pounds in 1985, compared with 37 pounds in 1970. While production of pork and poultry will swell in line with demand, beef and mutton will not. Meat imports will likely triple during 1970-85 to .7 million tons.

The Soviet Union and the People's Republic of China—with 10 and 15 percent, respectively, of 1985 world meat consumption—are expected to continue to pursue their policies of self-sufficiency. Meat production in the Soviet Union is diversified, whereas the People's Republic concentrates on pork and poultry.

Argentine picture murky. Turning to the major meat exporters, Argentina is likely to show only modest growth in beef exports to 1985. The U.S., for one, is an expanding market for Argentine canned and cooked-frozen beef. But the demand picture is not especially promising in Argentina's chief market—the EC-9—where a variable levy system impedes meat imports.

In Oceania, a strong upsurge is on the horizon for meat production, mainly beef. Australia has been developing water supplies in its dry hinterland, and cattle ranching is being intensified. Australia's per capita meat consumption will probably remain stable at its present world-record level. Thus, the anticipated production increases will pave the way for large additional exports by 1985, possibly three times more than is being shipped at present

Demand for high-protein feeds will be lifted by further growth in demand for livestock products. With high grain prices in the EC, a major feed user, feed manufacturers there will be encouraged to use grain substitutes. This in turn will spur usage of protein supplements.

Fishmeal production will probably continue to expand but at a rate considerably slower than the increase in demand for protein meals. Soybean exports will benefit.

Soybeans. The foreign import - demand for high protein feeds has been building at the equivalent rate of about 65 million bushels of soybeans a year—a trend that will carry over into the 1980's, but with added strength by imports of the U S.S.R. and the People's Republic of China. Not all the growth in soybean demand will be supplied by U.S. exports, since other protein meal suppliers—such as Brazil—are projected to increase their exports. Probably most of the larger meal demand will be exported in the form of beans.

Petroproteins will be available, although their use will be limited due to high price. The situation could be drastically altered, however, in the event of a technological break-through or relative price stability in crude petroleum prices.

Production of high protein (high lysine)) grains will continue to be limited because traditional varieties will maintain their yield advantage Synthetic amino acids, especially methionine, will be produced and available at such a price that it will be economical to supplement—but probably not replace—traditional protein sources.

The world dairy situation features ample supplies to 1985, primarily due to substantial production increases in the EC-9 and further decline in demand for milkfat in Europe. The accession of the three new members aggravates both the supply and demand situation in the EC-9 since price hikes at all levels within the three sitmulate production and retard consumption. In addition, milk output is being forced up by EC efforts to spur beef production, inasmuch as much of the beef comes from dairy cattle The dairy-beef linkage will weaken by 1985, yet the strong demand for beef and further growth in milk yields may lead to chronic milk surpluses An export availability of over 2 million tons of milk equivalent is projected for the EC-9 in 1985.

New Zealand will continue as the leading exporter of butter, even though exports will dip due to the loss of the U K market Larger cheese shipments will partially off-set the drop in butter trade.

Australia withdraws. In general the foreign market for butter will shrink in the 1980's, and this will encourage a shift out of dairy production in Western Europe and Australia Australia, now an important butter exporter, will probably withdraw from the export market but will continue to export some cheese

The Soviet Union will remain a significant exporter of dairy products Both cow numbers and milk yields will increase, but the rate will trail that of the 1960's

In the U S , production and consumption of dairy products will trend up. Supply and demand, however, will be essentially in balance

FOR SALE
BROWN SWISS HEIFERS
CALVES UP TO BRED HEIFERS

BUTTONWOOD FARMS
Birchrunville, Pa. 19421 Phone 215-827-7433

HOLSTEIN DAIRY CATTLE SALE
FRIDAY, DECEMBER 14, 1973
8:00 P.M.

Sale will be held in the dairy barn arena at the ABERDEEN SALES CO., INC. located on Md. Rt. 22 in Churchville, Md.; 6 mi. west of Aberdeen, Md.; 6 mi. east of Bel Air, Md. in Harford County.

This sale features two loads of fresh and close springing heifers from John Bell of Catlett, Virginia. This will be one of the finest offerings Mr. Bell has consigned for several months.

We will sell one load of fresh and springing cows from Wisconsin This is an excellent group of young cows showing good udders and top milk production.

Local farms will contribute 20 head of fresh and close springing heifers which are artificially bred and from top producing dams If you need milk or additional cows; plan to attend this sale.

All animals are T. B. Tested; Certified Bangs Free; tested within 30 days of sale for out of state shipment. Detailed information on each cow available at sale time

ABERDEEN SALES CO. INC.
Box C, Aberdeen, Md. 21001
Phone: 301-734-6050 or
(Night) 734-7105 & 734-7978

CONSIGNMENTS WELCOME
TRUCKING AVAILABLE
PRIVATE SALES DAILY

Public Sales Register

SAT. DEC 8 - 12 Noon Special Sale of Sheep, located at Rudnick's Barns, Route 213, Galena, Md. Entire flock consigned by Rose Hill Farm; Harry Rudnick & Sons, Inc., Sales Mgrs. and Auctioneers, Galena, Md.

SAT. DEC. 8 - 10 A.M. Public Auction New & Used Lawn Mower Parts, Lawn Mowers, Engines, Repair Tools located at 1982 West Main Street, Ephrata, Pa. 2 miles West of Ephrata on Route 322. Mazie M. Zuck and Carl W. Zuck, executors of the Norman E. Zuck Estate; John E. and Paul E Martin, Auctioneers.

MON DEC. 10 - 2 P.M Special Sale Feeder Cattle, Calves, and Stock Cows at Blue Ridge Livestock Sales, Inc., Charlestown, W Va.

THURS. DEC. 13 - 11 A M. The Golden Harvest and 302nd Garden Spot Sale to be held at the Guernsey Sale Pavilion located 5 miles east of Lancaster, Pa. on U. S Rte. 30 Sale by R Austin Backus, Inc., Sale Mgrs. and Auctioneers, Mexico, N. Y. Earl L. Groff, local Rep. Strasburg, Pa

xxx

You are never sorry for saying a kind word.

SPECIAL SALE OF

SHEEP

450 STOCK EWES,
8 BUCKS,
100 LAMBS

LOCATION: Rudnick's Barns Route 213, Galena, Md.

SAT. DEC. 8
at 12:00 NOON

Entire flock consigned by Rose Hill Farm Sale at Galena, Md.

HARRY RUDNICK
& SONS, INC.
Sales Mgrs. &
Auctioneers
Galena, Md.
301-648-5100

FRI. DEC. 14 - 8 P.M. Holstein Dairy Cattle Sale to be held in the dairy barn arena at the Aberdeen Sales Co , Inc., located on Md. Rt. 22 in Churchville, Md.; 6 mi. west of Aberdeen, Md.; 6 mi. east of Bel Air, Md. in Harford County. Sale by Aberdeen Sales Co., Inc., Aberdeen, Md.

SAT DEC. 15 - 2 P.M. Public Sale of 42 acre farm located between Lititz and Rothsville on Newport Road. Terms by Harland W. and Mary Etta Weaver. John E. and Paul E. Martin, Auctioneers.

SAT. DEC. 15 - 12 P.M. Public Sale 60 Head of Grade Holstein Dairy Cattle located on the premises at RD5 Lebanon, West Cornwall Twp., Lebanon County. Proceed West of Route 72 along Route 322 to Spangler Road turning North and go to 3rd farm, or South from Lebanon on Colebrook Road to Spangler Road and turn South and to 1st farm. This farm is approximately 1 mile west of Quentin. Conditions by Paul H. Smith; Harry H. Backman, Auctioneer.

THURS. DEC 20 - 12 Noon Mel Kolb Maryland Monthly Holstein Auction at his Maryland Farm Sale Barn, located one-half mile Northwest of Woodsboro, on Route 550, Frederick County. Sale by Mel Kolb, Sale Manager; James G Trout and Robert Mullendore, Auctioneers.

FRI. DEC. 21 - 8 P.M. Public Sale of Dairy Cattle at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Park Myers, Sales Manager

SAT. DEC 22 - 9:30 A.M. All Day Consignment Sale located on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign. Sale by David H. Good; Frank and Paul Snyder and Robert E. Martin, Auctioneers.

SAT. DEC. 22 - 10 A.M. Public Sale of Farm Machinery, Truck, Grain, Household Goods located on the farm at RD5, Lebanon, Penna. Turn south off Rt. 322 onto Rt. 241 at the Texaco Station east of Fontana and proceed to first hard road left and the first lane to the left. Farm is behind the stone quarry. Rt. 241 south is approx. 4 miles west of Rt. 72. Conditions by Raymond N. and Vera H. Zimmerman; Harry H. Bachman, Auctioneer.

SAT. DEC. 29 - Public Sale of Dairy Cattle and Farm Equipment located at Manheim RD3, North of Elm, Pa. by Alvin H. Martin; John E. and Paul E. Martin, Auctioneers.

WED. JAN. 2 - 12 Noon Horse and Mule Sale, 60 head of horses and mules from Ky. Load of driving horses and local horses. Sale by Paul Z. Martin, located 2 miles East of Intercourse, Pa. along Route 340.

SAT JAN. 12 - 10 P.M. Public Sale of dairy cows, Farm Equipment, New Hardware, Household Goods and Antiques located North of Fairmont Rest Home, along Good's Drive near Fiandas Mill, between Hinkletown and Farmersville, Lancaster County Pa. Sale by Daniel Z. Zimmerman; T. Glenn Horst and Paul Horst, Auctioneers.

WED JAN. 23 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340

WED. FEB. 20 - Paul Z. Martin's Farm-Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

WED. MARCH 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road Lancaster, Penna.

100 HEAD **REGISTERED & GRADE HOLSTEINS** 100 HEAD
On hand at all times
CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone: 717-569-2106, 717-569-6800
Park Myers, Sales Mgr. Private Sales Daily

ALL DAY
CONSIGNMENT SALE
Saturday, Dec. 22, 1973 9:30 A.M.

on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign.

Massey Ferguson No. 2244 Crawler with loader, Massey Ferguson No. 180 fully equipped, Allis Chalmers D14 with loader, Fox Grinder-Mixer, New Holland PTO manure spreader, large variety of new lumber, 2000 sq. ft. 10" house siding, 150 2x4-6' to 18', 200 2x6 up to 20', 5000 sq. ft. pine boards 8" and 10" all lengths, large variety of ¼, ½, ¾ inch ply wood, walnut paneling, 2x6 tongue and Grove flooring.

Trailer load of Citrus Fruit direct from Florida will be sold at 11 A.M. Don't miss it.

We sell on commission.
We have buyers for hay and straw

Frank & Paul Snyder
Robert E. Martin, Aucts.

SALE BY
DAVID H. GOOD

Next Sale Wed. Jan. 2, 1974
Not responsible for accidents.

PUBLIC SALE
SATURDAY, DECEMBER 15, 1973
12:00 P.M.

Located on the premises at RD5 Lebanon, W. Cornwall Twp. Lebanon County. Proceed West of route 72 along route 322 to Spangler Road turning north and go to 3rd farm, or South from Lebanon on Colebrook Road to Spangler Road and turn South and to 1st farm. This farm is appx. 1 mile west of Quentin.

60 Head of Grade Holstein Dairy Cattle
2 Mixed Breed Cows

This herd presently consists of 45 milk cows, 13 bred heifers which were bred in Oct. and Nov., 1 yearling calf, and calves born from Sept. to sale time.

12 cows fresh since Sept., 8 due in Nov. and Dec., and a number due Jan. and Feb. and throughout the year. This herd consists of Curtiss Candy breeding and if need of milk plan to attend this sale.

Sale to be held in tent pregnancy checked health charts

600 gal. Milkeeper tank with compressor, double S.S. tub, strainer and bucket, 1½" glass pipeline with washer and two vacuum pumps, Top-Line transfer system, 4 Boumatic pipeline milkers, 5 Surge pail units, 20 milkcans, Stewart cow clippers, and other dairy related items

1955 F500 Ford U Tag cattle truck

50 ton mixed hay 5 ton straw 10 ton corn

Appx. 150 Tons Corn Silage

This herd is being offered for sale due to owner's health. Order of Sale: Hay, straw, corn, silage, dairy equip, and cattle

Conditions by:
PAUL H. SMITH

Harry H. Bachman - Auctioneer
Arthur Kunkle - Announcements
Lunch by the Rocherty Church

THE GOLDEN HARVEST
AND
302nd GARDEN SPOT SALE
THURSDAY, DEC. 13

LANCASTER, PA.

Sale held at the Guernsey Sale Pavilion
located 5 miles east of Lancaster, Pa. on U.S. Rte. 30.

130 REGISTERED HOLSTEINS

(Milking Age cows - Bred Heifers - Open Heifers - Heifer Calves - Service Bulls)
All tested up to date for immediate interstate shipment. Exam for Preg. & Mastitis.

DAUGHTERS OF THESE FAMOUS SIRES SELLING!!
"Elevation" - "Kingpin" - Ivanhoe Star - Arlinda Chief - Kingstead Ivanhoe - Selling Rockman - "Vern" - "Kate" - "Astronaut" - "Admiral" - Black Eagle - "Bootmaker" - Fond Image - "Fury" - "Kenny" - "Lancer" - "Pride" and many other top recognized sires.

CLASSIFICATION SCORES -- 1 sells "EX-92" - 5 "VG-88" - 7 "VG-87" - 3 "VG-86" - 2 "VG" and many others worthy of top classifications.

POTENTIAL HERD SIRES -- We have 12 real top pedigreed young bulls ready for service that are eligible, by reason of type and pedigree, to head any herd.

SEMEN SELLING+++
+47 "Arlinda Chief" - 42 "Elevation" - 12 "Kingpin" - 19 "Astronaut" - 12 "Capsule" - 5 "Bootmaker" - 16 "Double Triune" - 6 "Skyliner" - 17 Skokie Famous Duke - 37 "Fond Matt" - 74 "Majority" - 18 Harborcrest Sunshine - 6 Citation M - 6 "President King" - Also semen tank.

ALL SELECTIONS HAVE BEEN MADE BY EARL L. GROFF, STRASBURG, PA. AND DOUG MARSHALL & PETER DEBLOCK, JR.

WE ARE VERY PROUD OF THIS OFFERING FOR THE GOLDEN HARVEST AND GARDEN SPOT SALE!!

MAKE YOUR PLANS NOW TO ATTEND AND ADD VALUABLE SEED STOCK TO YOUR HERDS!!

Sale starts 11:00 A.M. Lunch Available Catalogs

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
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Local Rep.
Strasburg, Pa.

FARM TRACTORS

J. D. TRACTORS

2520 D
(4) 4020 D
(3) 3020 D
4010 D
(2) 3010 G & D
(3) 2510 G & D
(4) 2020 D
(4) 730 D
(2) 720 D
1010 G
(2) 630 G
420 G
M
(2) A
B
300 D
5020 D

MISC TRACTORS

D. B. 1200
M M Jet Star 3 w-loader
M **SOLD** B
Nuffield 10-42

MASSEY FERGUSON TRACTORS

1130 D
1100 D
(2) 180 D
175 D
(2) 165 G & D
65 D
35 G
2200 w-loader

TRACTORS COMING

(4) J.D. 4330D (New)
Case 930 D
Oliver 1855 (New)
Farmall 460 D
J.D. 4430D (New)

CASE TRACTORS

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(2) 1030 D
(2) 930 D
770 D
730 D
430 D
680 D w-loader

OLIVER TRACTORS

(2) 1655 D
2150 D
(2) 1855 D
1950 T D
1 **SOLD** M D
1 **SOLD**
1 **SOLD**
(2) 1800 D
77 G w-loader

FORD TRACTORS

(2) 5000 D
(2) 4000 G & D
3000 G
860 G
Jubilee

A. C. TRACTORS

190 X T D
180 G
160 D
(2) D17 G & D
D15
(2) D19 D & G

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826 D
(2) 1206 D
4100 D
1066 D w-duals
856 D
(4) 656 G & D
756 D
806 D
706 D
544 D
444 G w-loader
Super A w/Cult.
504 G
404 G
650 D
(2) 450 G & D
Cub 154 lowboy w-mower
340 G
Super M
(4) M
(2) H
BN w-snow plow
C
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For Sale - Holstein Heifer, fresh Sept. sired by London. Dam scored 83 points. Highest record, 4 yr. 11 mos., 358 days, 19,368M, 4.2 Test, 832 lbs. fat, Two other records over 700 lbs. fat. Phone 717-442-4452

For Sale - Butcher Hog approx. 240 lbs. Market price about 44 cents. Can deliver and have it processed for you at Hess, Willow Street. Phone 464-3883

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Dairy Equipment and Amana Appliances

R.D. No. 1 (Iona)

Lebanon, Pa.

Located on Route 897 between Schaefferstown and Lebanon, over 30 years in business at same place.

Mail Box Market

For Sale - Suffolk sheep Breeding Ewes and yearling Rams. Phone 215-267-5096

Wanted - Used Jamesway Silo Unloader with or without motor. Call 215-683-7214

For Sale - 2 -12 hole pride of the farm hog feeders with cast iron bottoms. William Flinchbaugh, Phone 717-252-2666.

Wanted - Manure loader with bucket to fit Massey Ferguson 65 row crop tractor. Call 215-445-6833

For Sale - Good family cow, - carrying third calf, gentle and easy milker. Phone 215-777-0097

For Sale - 2½ yr. old St. Bernard AKC female, beautiful marking, house broke, champion bloodline, reasonably priced to good home. Call 733-3565.

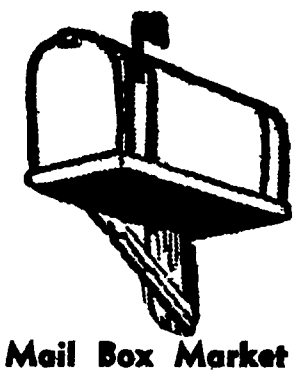
For Sale - General Electric dishwasher, sixty dollars, good condition. Also Continental mobile home 10 x 50 with attached shed and air conditioner $1800. Phone 786-3300

Wanted - Work horse to work single and double, safe for children. Also shovel harrow in good condition. Edwin Z Shirk, between Martindale and Red Run, Ephrata RD3

For Sale - Large carriage horse, good traveler, traffic safe, man's horse, smooth mount. Phone 354-9715

For Sale - 20 week old ready to lay pullets, fully vaccinated Phone 626-8257

For Rent - 12 x 60 2 bedroom mobile home, nice country location for young married couple only. Can be occupied Feb 1, References. Phone 733-4516



Mail Box Market

For Sale - 17 40 lb. shoats. Jonathan G. Lapp RD2, Myerstown, Pa.

For Sale - Used hot water boiler. Ideal for warehouse garage, hog house, etc Output 375,000 BYU's. Phone 717-252-1182

For Sale - Milk House heater, 220 volts, 2 Surge milkers (50 lb. pails), milk cans. Phone 367-3242

For Sale - SP 22 Surge milker pump. Phone 466-2233.

For Sale - 4 Gilts and 3 young sows, bred, close, Yorkshires. Phone 786-2839

For Sale - 1 600 gal. Mojonnier tank with auto. washer. DeLaval bucket milkers with pump. Dumping station. Call 867-3741

For Sale - 2 Lee snow tires with wheels, size 825-14, $40. Building sandstone $15. ton. Phone 665-4906

Inside carpenter work available, Rothsville area, estimate 2 weeks work. Call 626-2028

For Sale - 3 Tenderleen fed steers 1000 lb. each. 14 rollaway chicken nests 10 hole. Also round feeders. Jonas M Beiler, RD1, Box 157, Strasburg, Pa. 17579 (along May Post Office Rd.)

For Sale - Delco Oil Burner, 3 gal per hour capacity $30.; One circulator 1¼ inch $10.; 6 lite window frames 30 cents per pc., 9 lite window frames 45 cents per pc. Phone 665-3786

Mail Box Market

For Sale - 2 door Dodge Coronet, model 68, good condition; White German Shepherd, female, 8 months old. Phone 626-7076

For Sale - 1 Stewart Model 510A and 1 Model 51 cattle clippers. Daniel Hoover, Leola RD1.

Learn to breed your own cows. Call now for more information. Phone 717-354-5181

For Sale - 9 farrowing crates. Benuel M. Fisher, Peters Road, New Holland RD2

For Sale - Jamesway sauce type brooder stoves and 1x4x8 plywood sheets. Phone 653-5966

Dry shelled corn for sale, delivered; 1962 G.M.C. Tractor, rubber like new, 168,000 actual miles $1100. Phone 786-3936

For Sale - AKC Registered St. Bernard pups. Will hold until Christmas. Phone 244-7400

For Sale - Heavy fowl. Hens and some roosters 25 cents lb. Elam S. Beiler, first farm right on South Ronks Rd.

For Sale - 7' angle snow blade to mount on manure loader; Bolens 14 H.P. Garden Tractor with mower and 40" snow blower. Aaron Miller, 1 mile North of Bird-in-Hand on Gibbons Road.

For Sale - Timothy hay, no rain, excellent for horses, $1.00 per bale at barn. Can deliver. Phone 665-4239

For Sale - Your choice of Purebred Shropshire Rams, Ewes and Lambs Paul Eberly, Kleinfeltersville, Phone 717-949-3653 Call after 5 P M or weekends

For Sale - 3 day suit sale Dec. 13-14-15 Size 24 to 48, $5.00 each. Harry M. Reiff, 101 Glen Brook Road, Leola, Pa.

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

Wanted - Home in country near West Grove, Chester County wants and needs an unwanted puppy. Call 869-2546 anytime after 4:00 p.m.

For Sale - Lincoln 130 Amp welder, 3500 watt generator complete with cart and cables. Amos L. Fisher, RD1, Box 108, Bird-in-Hand, Pa. 17505

For Sale - Cedar fence posts. Call 445-5234

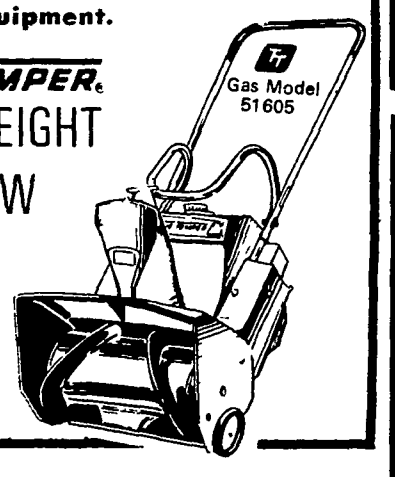
CALL Elmer Beiler

Choose your weapon

Easy does it with International Harvester snow removal equipment.

TRUE TEMPER

THE LIGHTWEIGHT POWER SNOW SHOVEL



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$89.00

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USED EQUIPMENT

Farmall 806 D Tractor
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J. D. Fertilizer Spreader
Grimm Hay Tedder
550 - 5 Bottom Plow
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6-row Corn Head, narrow, for 503 Combine.
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Corn Pickers Ready for Delivery
Best Buy of the Year on Balers

CALL Titus Burkholder

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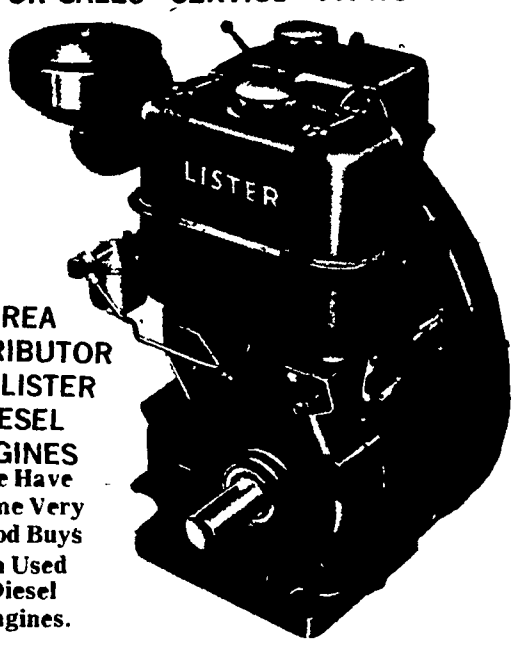

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1-500 gal. Mueller w-auto. washer

Used Sputnik Milk Transporter, Very Clean

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DU 111 International 18 H.P. Electric Start and Hand Clutch. A1 Condition.

AVA2 Petter completely rebuilt with Electric Start & Hand Clutch

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CALL US! IT COULD BE WE HAVE IT.

Anti-Freeze ONLY **$2.00** Gal. Bulk

Bring your own container

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Large Selection of Toys, Tractors - Trucks - Farm Equipment - Model Trucks & Tractors

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WEAVERLINE FEED CARTS

EARLY DISCOUNT on Lancaster Silo and Unloaders.Ryder Barn Equipment

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INTERCOURSE, PENNA. PHONE 768-8231

National

(Continued From Page 1)

our country's drift toward isolationism and to once again assume its former role of responsible world leadership."

Pennsylvania Secretary of Agriculture James A. McHale told the conference, "Someone has to come up with concrete recommendations on food policy for Washington to follow," but he did not mention the fact that none of the nation's food policy formulators had chosen to attend the conference. McHale mentioned the interrelationships of food prices, energy and inflation, and scored multi-national food companies which, he said, were gouging consumers with high prices and leading America to corporate domination of agriculture.

McHale also assailed the U. S. military fuel consumption, and said this becomes a critical issue in light of the fact that American farmers have been asked to farm an additional 50 million acres of land to relieve food shortages at home and to help protect our export markets.

The secretary said that he hoped the conference workshops would come up with recommendations in specific areas of agricultural concern. These workshops, all of which met Thursday afternoon, were titled: population and food requirements; nutritional quality; energy and food; land and food; international aspects of food policy; distribution and food; economics of food policy; institutions of implementation of food; and competing interests affecting food policy.

Governor Milton Shapp followed McHale on the speaker's dais. Shapp said the nation's food problem "is directly intertwined with the energy and transportation crises, and the interrelationships must be studied."

"I'm not here to predict a food crisis today," Shapp said. "I hope we're all here to try to prevent one. But I think it's clear to all of us that only immediate and innovative planning can avert very serious food shortages in the next 10 to 20 years."

"The energy crisis and the rail crisis have one thing in common," Shapp said, "bad judgement and poor planning by officials in our national government. Hopefully, no one will try to make it three crises in a row."

Noting that world population is growing and will top the four billion mark in little over a year, the governor said that by 1985 the world demand for food will be up 80 percent over that of 1962. "We have a problem. And if we don't act now, it may well become the food crisis in 1985, or even before."

Senator George McGovern, a South Dakotan Democrat and leading farm spokesman, echoed Governor Shapp's concern in a speech he made before the conference late Thursday afternoon.

"We find ourselves caught short, not only of food but of the fuels and fertilizers and machinery needed to produce it," McGovern said.

"We simply did not have enough food in 1972 and 1973 to meet our commitments either at home or worldwide."

He urged a national policy on food production and said that "too frequently in this country, we fail to identify our most serious problems far enough in advance to permit the development of real answers."

James G. Patton, former president of the National Farmers Union and a highly regarded observer of international food affairs, told the conference that the U.S. should not even try to feed the entire world. "First of all," he said, "we can't possibly feed everybody. We should work at helping the poorer countries to become self-sustaining in food production. We should help them to make more efficient use of their human capital, so their economies can develop logically to provide higher standards of living for all their people."

Patton said we need a new concept of foreign aid, and it should be directed towards helping people rather than towards disposing of surplus war machines.

Farm Trends

(Continued From Page 1)

first half of 1974. Thus, hog prices are expected to remain well above a year earlier through the first half of 1974.

Decisions now being made by hog producers will affect second half 1974 pork production. With prospects for a strong hog market and stable feed prices this winter, production could be stimulated, and second half marketings may be larger than the low levels experienced this year.

Sheep and lamb slaughter is down again this year and some further reduction is likely in 1974. Slaughter lamb prices generally increased this summer but not as much as for other classes of livestock. Smaller slaughter supplies and higher livestock markets this winter will add strength to lamb prices.

The lower prices for live animals in late summer and fall have resulted in some easing in retail prices this fall. However, only a portion of the decline in live animal prices has been reflected at retail, and retail margins remain unusually wide. Retail pork and beef prices may rise a little again this winter but will generally decline through the remainder of 1974, reflecting larger supplies and lower live animal prices, especially for cattle. If economic conditions in 1974 slow more than now anticipated as a result of the energy crisis, consumer demand may not be as strong as our price forecasts indicate.

Per capita meat consumption is down this year--12 pounds below the 189 pounds in 1972--reflecting reduced domestic meat production. Although pork consumption in 1974 may be largely unchanged from this year, beef consumption likely will increase, raising per capita red meat consumption for the year.

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Wanted to Rent - Dairy farm with 50 to 75 cows on 50-50 basis. Can furnish equipment. Phone 215-932-4719

For Rent - Large free stall barn, also large steer barn. Southern Lancaster County area. Phone 394-8184

Mail Box Market

Free Kittens. Phone 872-5514

For Sale - 4 ton feed bin with auger, excellent condition. Phone 898-8870

Local Grain

Thursday, December 6

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, September 13, 1973, are as follows:

	Bid+	Offered+
Ear Corn, New	57.00	65.66
Shelled Corn	2.72	2.96
Oats, Local	1.15	1.35
Oats, Western	1 66	1.80
Barley	2 37	2.58
Wheat	4.02	4 36
Soybeans	5.32	5.68

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill

Regional Hay Prices

Monday, December 3, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton)

Hay & Straw steady.

Alfalfa	50 00-60 00
Mixed Hay	35 00-50 00
Timothy Hay	30.00-40.00
Straw	35.00-40.00
Mulch	15.00-20.00

Livestock For Sale

Wants to Buy - Registered Holstein Heifer Calves. Phone 872-4058

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

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For Sale - Horned Hereford range bulls. Write or Call Lauxmont Farms, RD1, Wrightsville, Pa. Phone 717-252-1525

For Sale - 12 feeder Hereford steers, 350-500 lbs. January 3rd delivery. Phone 215-388-6119

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

For Sale - Service age Holstein bulls, purebred; Also some younger bulls. Stephen R. Glick, RD1, Leola at Millport

Duroc registered breeding stock and crossbred gilts for sale. Production tested and top quality bloodlines. Our herd produced champions at both the '73 State Fall Sale and '73 Keystone International Dutch Valley Farm, RD3, Manheim, Pa. Phone 717-665-6220

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Buyers

(Continued From Page 1)

annually ten years ago to just 18 million pounds last year.

The future of the crop here depends upon how tobacco is merchandised, Hess feels. "More and more foreign tobacco is coming into the U.S.," he said, "and a lot of it is going into cigars. Today, foreign tobacco accounts for about two-thirds of the cigar filler market, while the U. S. supplies only a third. Not too many years ago, those figures were exactly reversed. Wage rates in other countries are a lot lower than they are here, and places like Mexico and South America can grow tobacco cheaper than we can here. When our prices get too high, the cigar makers get their supplies from foreign growers."

Last year's average selling price for Lancaster County tobacco was 46 cents a pound. The year before it was 34 cents. Could it go to 60 cents this year or even, as many hope, 75 cents? "It seems unlikely that we'll have 10 cent price jumps two years in a row," Hess said. "And as prices move up, we'll be threatened more and more by imported tobacco. We've got to start thinking about growing for the higher priced southern market if we're going to maintain tobacco as an important cash crop in Lancaster County."

There is no crop on the horizon that will match the value of tobacco as a cash crop, Hess feels. "Our weather pattern is the best and most consistent anywhere. Over a period of time, if we work together, and reach out for new markets, we'll be able to get higher prices for our crops."

One listener in the audience challenged Hess's assertion that growing quality tobacco was the best way to insure a healthy market in the future. "Why should we take the time and trouble to get really good tobacco when we get only two or three cents a pound extra for our efforts? It just doesn't make sense."

"I agree with you to a point," Hess replied, "but our prices have gotten to the point where we're going to be losing even more business to foreign growers. And it's a sad fact that improvements in any market must almost always start with the producers. If we continue to take the attitude that quality doesn't matter, we'll be in trouble in the years ahead. And if the buyers won't pay enough to justify growing a higher quality crop, we may just have to start looking for alternate users of Lancaster County tobacco.

Farm Calendar

Monday, December 10

Fulton Grange meeting, Oakryn.

Tuesday, December 11

7:30 p.m. - Meeting, Board of Directors of the Farm and Home Foundation at the Farm and Home Center, Conference Room.

7:30 p.m. - Ephrata Adult Farmers meeting, Swine Management, Ephrata Vo-Ag Department.

7:45 p.m. - Dairy Meeting, Management of the Dairy Calf, Garden Spot High School

Lancaster County 4-H Beef Show and Sale, Lancaster Stock Yards, Inc., December 11-12.

Wednesday, December 12

7:30 p.m. - Eastern Lancaster County Adult Farmer Beef Cattle meeting, Hinkletown Elementary School.

7:30 p.m. - Ephrata Young Farmers Officers' meeting, Ephrata Junior High School.

Southeast District 4-H Beef Show and Sale, Lancaster Stock Yards; Show at 9 a.m.; Sale at 1 p.m.

National Farmers Organization (NFO) National Convention in Louisville, Kentucky, December 12, 13, 14.

Friday, December 14

7:00 p.m. - Manheim Young Farmers and wives Christmas dinner night, Heritage Room, Evan's Restaurant, Manheim.

7:00 p.m. - Pennsylvania Egg Marketing Association meeting, World Food Situation, Colonial Motor Lodge, Arrow Room.

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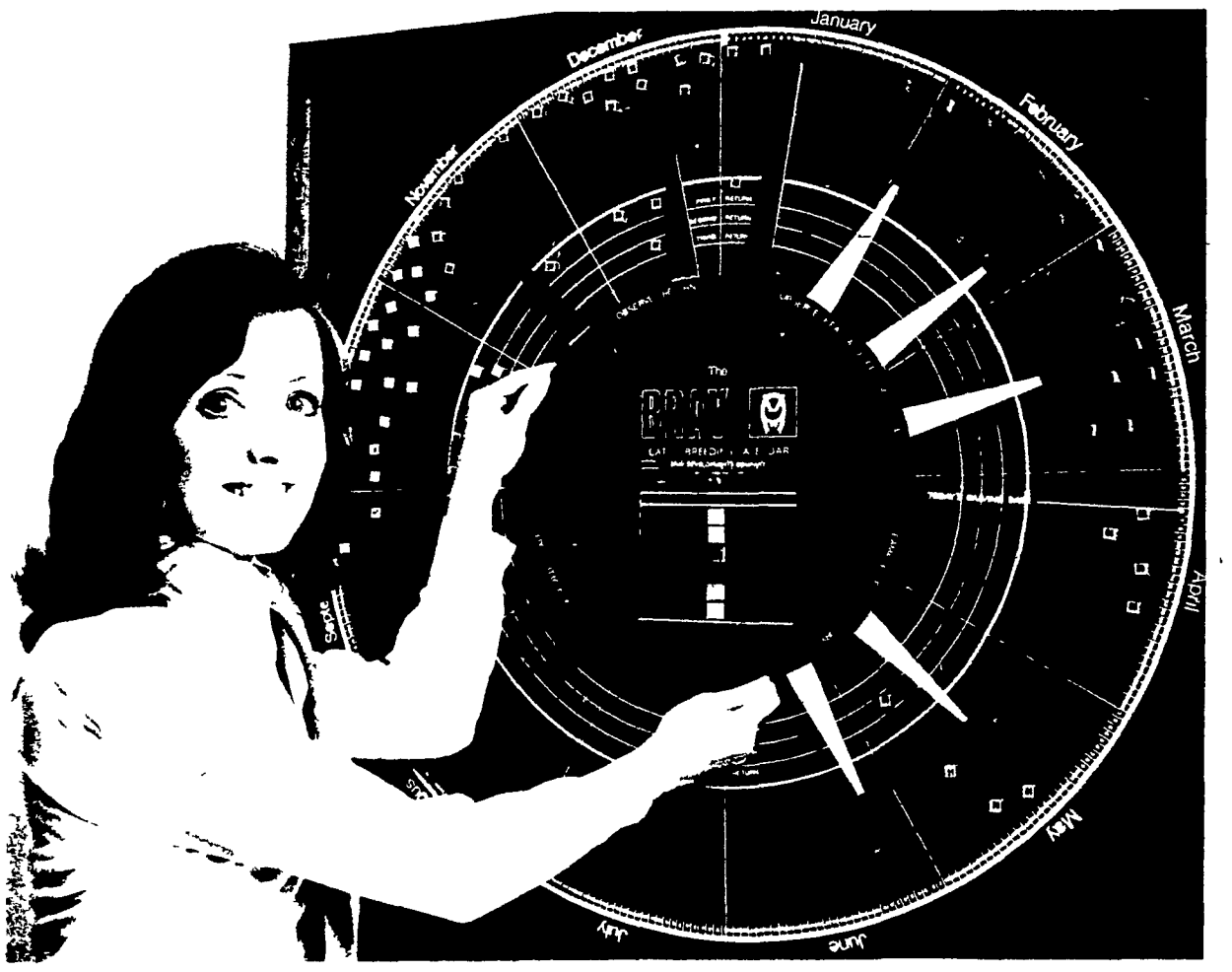

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